

Supplementary Table 1. Incidence of HDP Between 1990 and 2021 at the Global and Regional Level in Different Ages.

| Location | Age | Rate per 100 000 (95% CI) | | | |
|------------|-------------|--------------------------------------|-----------------------------|--------------------------------------|-----------------------------|
| | | 1990 | | 2021 | |
| | | Incidence number | Incidence rate | Incidence number | Incidence rate |
| Global | <20 years | 1882961.54(1305727.30 to 2652283.35) | 170.99(118.57 to 240.85) | 1429265.86(1024429.93 to 1975836.32) | 111.89(80.2 to 154.68) |
| | 20-24 years | 4293449.24(2881425.17 to 6071641.28) | 1758.64(1180.26 to 2487.00) | 3941995.41(2710298.49 to 5266386.44) | 1341.95(922.65 to 1792.8) |
| | 25-29 years | 4051376.38(2994708.25 to 5392055.62) | 1840.7(1360.62 to 2449.83) | 4670571.67(3584976.05 to 5961680.18) | 1605.08(1232 to 2048.78) |
| | 30-34 years | 2864138.14(2093756.13 to 3826271.11) | 1506.58(1101.34 to 2012.67) | 4287733.06(3237280.82 to 5546144.36) | 1434.36(1082.95 to 1855.33) |
| | 35-39 years | 1708770.95(1229053.63 to 2248159.58) | 985.15(708.58 to 1296.12) | 2571537.37(1915622.05 to 3294334.52) | 925.67(689.56 to 1185.85) |
| | 40-44 years | 657523.46(479086.02 to 843588.59) | 468.9(341.65 to 601.59) | 935365.99(708359.6 to 1142301.32) | 377.03(285.53 to 460.44) |
| | 45-49 years | 184440.75(140221.16 to 228203.63) | 162.07(123.22 to 200.53) | 191466.78(151313.99 to 227176.42) | 81.25(64.21 to 96.41) |
| | 50-74 years | 20235.01(16488.87 to 24045.46) | 5.15(4.2 to 6.12) | 22149.11(18857.68 to 25659.31) | 2.63(2.24 to 3.05) |
| SDI | | | | | |
| High | <20 years | 112668.93(74655.72 to 164494.36) | 92.08(61.01 to 134.43) | 23389.76(17306.29 to 31227.12) | 20.69(15.31 to 27.62) |
| | 20-24 years | 278304.62(173652.89 to 425003.37) | 828.83(517.16 to 1265.71) | 123651.89(88136.52 to 169060.57) | 392.25(279.59 to 536.3) |
| | 25-29 years | 399456.24(274753.69 to 569 | 1114.37(766.48 to 15 | 300468.89(226680.05 to 393 | 869.43(655.92 to 113 |

| | | | | | |
|--------------------|-------------|-----------------------------------|---------------------------|-----------------------------------|----------------------------|
| | | 819.04) | 89.63) | 937.80) | 9.89) |
| | 30-34 years | 287653.31(194947.68 to 416011.68) | 810.64(549.39 to 1172.37) | 418663.41(305703.07 to 566735.79) | 1118.43(816.66 to 1513.99) |
| | 35-39 years | 120953.38(83513.22 to 170770.68) | 361.71(249.75 to 510.69) | 276666.9(199939.24 to 371525.2) | 729.37(527.1 to 979.44) |
| | 40-44 years | 29746.65(21456.55 to 39466.23) | 95.27(68.72 to 126.4) | 84157.96(63797.15 to 105286.07) | 229.24(173.78 to 286.79) |
| | 45-49 years | 4245.84(3207.84 to 5289.79) | 16.8(12.7 to 20.94) | 7239.94(5773.54 to 8493.17) | 20.16(16.08 to 23.65) |
| | 50-74 years | 492.61(412.75 to 594.19) | 0.49(0.41 to 0.59) | 1005.13(843.93 to 1210.44) | 0.6(0.50 to 0.72) |
| High middle | <20 years | 142959.14(92684.32 to 209026.28) | 79.49(51.53 to 116.22) | 40639.84(28052.72 to 56954.76) | 28.14(19.43 to 39.44) |
| | 20-24 years | 505230.91(311047.81 to 766594.81) | 1049.48(646.12 to 1592.4) | 166358.18(109794.12 to 236499.56) | 467.35(308.45 to 664.4) |
| | 25-29 years | 433974.76(289423.39 to 621951.63) | 948.67(632.68 to 1359.58) | 317805.81(226034.74 to 439513.71) | 788.42(560.75 to 1090.36) |
| | 30-34 years | 248080.82(165855.89 to 362762.25) | 594.23(397.27 to 868.93) | 400791.4(283814.87 to 563587.47) | 778.38(551.2 to 1094.54) |
| | 35-39 years | 118566.13(76761.37 to 171396.61) | 300.19(194.35 to 433.95) | 237134.98(167805.51 to 322558.88) | 478.57(338.65 to 650.96) |
| | 40-44 years | 33998.22(22979.7 to 46056.83) | 110.58(74.74 to 149.81) | 75397.53(56264.94 to 95118.57) | 165.64(123.61 to 208.96) |
| | 45-49 years | 5033.55(3671.39 to 6475.98) | 20.53(14.97 to 26.41) | 9692.69(7872.33 to 11826.26) | 20.1(16.32 to 24.52) |
| | 50-74 years | 674.94(540.87 to 834.72) | 0.65(0.52 to 0.80) | 1558.82(1298.09 to 1834.50) | 0.80(0.67 to 0.94) |
| Middle | <20 years | 461084.67(326094.3 to 639749.76) | 123.85(87.59 to 171.84) | 260779.97(198049.72 to 341853.31) | 72.50(55.06 to 95.04) |

| | | | | | |
|-------------------|-------------|-------------------------------------|-----------------------------|--------------------------------------|-----------------------------|
| | 20-24 years | 1239558.67(802663.78 to 1792808.92) | 1403.29(908.69 to 2029.62) | 698480.19(485238.99 to 951558.7) | 805.93(559.89 to 1097.94) |
| | 25-29 years | 1062443.77(757106.41 to 1460693.87) | 1418.33(1010.72 to 1949.99) | 1018322.88(762084.13 to 1336991.89) | 1123.99(841.17 to 1475.73) |
| | 30-34 years | 694491.98(494330.73 to 961668.64) | 1156.74(823.35 to 1601.74) | 944090.15(692067.07 to 1274291.87) | 956.01(700.8 to 1290.38) |
| | 35-39 years | 404104.71(285031.6 to 549023.84) | 729.02(514.2 to 990.45) | 560249.91(407607.97 to 740828.16) | 611.31(444.76 to 808.34) |
| | 40-44 years | 151701.19(109488.1 to 196581.15) | 359(259.11 to 465.21) | 188957.53(141483.46 to 239532.94) | 230.86(172.86 to 292.65) |
| | 45-49 years | 38586.24(29316.34 to 47645.35) | 113.85(86.5 to 140.58) | 26314.11(21135.59 to 31711.21) | 32.44(26.06 to 39.1) |
| | 50-74 years | 4997.65(4147.13 to 5915.31) | 4.76(3.95 to 5.64) | 4061.26(3448.19 to 4711.51) | 1.45(1.23 to 1.68) |
| Low middle | <20 years | 668577.56(457182.8 to 924698.3) | 231.87(158.55 to 320.69) | 457214.72(322692.25 to 626713.36) | 123(86.81 to 168.59) |
| | 20-24 years | 1284072.65(889332.8 to 1761987.32) | 2462.06(1705.19 to 3378.40) | 1278887.42(898500.38 to 1718320.86) | 1469.83(1032.65 to 1974.88) |
| | 25-29 years | 1126027.91(836098.29 to 1473226) | 2508.82(1862.85 to 3282.39) | 1336936.67(1016248.08 to 1690827.73) | 1645.52(1250.81 to 2081.1) |
| | 30-34 years | 820144.85(591718.4 to 1103421.93) | 2190.34(1580.29 to 2946.88) | 1120759.1(842157.41 to 1461261.76) | 1516.42(1139.47 to 1977.14) |
| | 35-39 years | 532789.79(381567.57 to 715955.64) | 1663.2(1191.13 to 2234.98) | 630733.99(466738.24 to 812275.86) | 947.23(700.95 to 1219.87) |
| | 40-44 years | 226078.52(160108.7 to 301307.83) | 871.39(617.12 to 1161.35) | 221019.84(168837.69 to 274343.62) | 383.17(292.71 to 475.62) |
| | 45-49 years | 69470.67(50894.29 to 89710. | 320.07(234.48 to 41 | 51625.69(40549.45 to 62085. | 104.43(82.02 to 125. |

| | | | | | |
|------------|-------------|-------------------------------------|-----------------------------|--------------------------------------|-----------------------------|
| | | 12) | 3.31) | 68) | 59) |
| | 50-74 years | 7169.35(5582.41 to 8862.89) | 11.84(9.22 to 14.64) | 5826.4(4877.53 to 6824.54) | 3.98(3.33 to 4.66) |
| Low | <20 years | 496301.71(344504.9 to 708077.78) | 361.25(250.76 to 515.40) | 646252.66(454566.07 to 922709.55) | 224.78(158.11 to 320.94) |
| | 20-24 years | 983524.88(660467.12 to 1358712.31) | 4528.04(3040.72 to 6255.36) | 1672316.93(1128194.61 to 2271004.21) | 3171.33(2139.48 to 4306.67) |
| | 25-29 years | 1026972.64(788550.48 to 1281022.79) | 5544.2(4257.06 to 6915.71) | 1694388.02(1308224.72 to 2112913.86) | 3846.6(2969.93 to 4796.73) |
| | 30-34 years | 811910.6(633202.68 to 984787.83) | 5337.68(4162.81 to 6474.21) | 1400751.14(1098070.52 to 1708001.21) | 3773.74(2958.29 to 4601.50) |
| | 35-39 years | 531176.16(408780 to 648616.24) | 4122.56(3172.62 to 5034.03) | 864909.86(668056.85 to 1050510.67) | 2714.23(2096.47 to 3296.67) |
| | 40-44 years | 215534.18(163375.06 to 260025.51) | 2173.78(1647.73 to 2622.50) | 365118.49(280475.17 to 439146.10) | 1397.85(1073.8 to 1681.27) |
| | 45-49 years | 66995.25(51736.1 to 80330.01) | 807.01(623.2 to 967.64) | 96461.84(76200.73 to 113526.02) | 464.49(366.92 to 546.65) |
| | 50-74 years | 6888.45(5686.8 to 8033.17) | 30.4(25.1 to 35.45) | 9682.59(8233.22 to 11152.45) | 18.63(15.84 to 21.46) |

Abbreviations: SDI, Sociodemographic Index; CI, confidence interval; HDP, Hypertensive disorders of pregnancy.

Supplementary Table 2. DALYs of HDP Between 1990 and 2021 at the Global and Regional Level

| Location | Rate per 100 000 (95% CI) | | | | | | |
|-----------------------|--------------------------------------|--------------------------|--------------------------------------|-------------------------|--------------------------|--------------------------|-----------------------|
| | 1990 | | 2021 | | 1990-2021 | | |
| | DALYs number | DALYs rate | DALYs number | DALYs rate | Number change(%) | Rate change (%) | Rate EAPC |
| Global | 3479884.84(3085882.51 to 3873201.35) | 137.62(122.04 to 153.18) | 2469636.57(2083397.70 to 2958212.63) | 67.57(57.00 to 80.94) | -29.03(-41.45 to -14.56) | -50.90(-59.49 to -40.89) | -2.24(-2.34 to -2.15) |
| SDI | | | | | | | |
| High | 33250.35(26096.29 to 42851.07) | 8.25(6.48 to 10.64) | 20491.16(14260.07 to 29255.72) | 4.39(3.05 to 6.27) | -38.37(-49.15 to -26.85) | -46.82(-56.11 to -36.87) | -1.93(-2.06 to -1.80) |
| High middle | 139302.89(112427.6 to 168989.56) | 27.76(22.4 to 33.68) | 34884.22(27185.11 to 44881.84) | 5.98(4.66 to 7.70) | -74.96(-80.62 to -67.48) | -78.44(-83.32 to -72.01) | -4.59(-4.68 to -4.49) |
| Middle | 690766.61(607608.65 to 780247.78) | 84.2(74.07 to 95.11) | 329586.50(282910.93 to 391530.46) | 28.96(24.86 to 34.41) | -52.29(-59.90 to -42.11) | -65.60(-71.09 to -58.27) | -3.27(-3.38 to -3.16) |
| Low middle | 1480228.49(1288978.03 to 1643499.76) | 265.8(231.46 to 295.12) | 888003.98(717494.95 to 1101565.09) | 96.77(78.19 to 120.05) | -40.01(-52.80 to -25.28) | -63.59(-71.36 to -54.65) | -3.27(-3.39 to -3.15) |
| Low | 1134178.21(960803.03 to 1289414.16) | 464.28(393.31 to 527.83) | 1194634.56(983738.94 to 1454750.66) | 218.47(179.9 to 266.03) | 5.33(-16.27 to -32.69) | -52.95(-62.59 to -40.72) | -3.27(-3.39 to -3.15) |
| Regions | | | | | | | |
| Central Europe | 4417.66(3637.52 | 7.50(6.18 to | 1277.31(871.58 to | 2.56(1.74 to | -71.09(-78.17 | -65.92(-74.27 | -2.93(-3.26 to |

| | | | | | | | |
|----------------------------------|-----------------------------------|--------------------------|-----------------------------------|-------------------------|--------------------------|--------------------------|-----------------------|
| | to 5459.99) | 9.27) | o 1850.00) | 3.70) | to -62.95) | to -56.33) | -2.60) |
| Eastern Europe | 16521.83(13599.04 to 20731.62) | 15.11(12.43 to 18.95) | 5234.28(3197.04 to 8326.32) | 5.46(3.33 to 8.68) | -68.32(-78.01 to -57.85) | -63.87(-74.92 to -51.92) | -2.55(-2.89 to -2.21) |
| East Asia | 125962.84(90448.49 to 167330.00) | 22.16(15.91 to 29.44) | 18997.06(13979.14 to 25374.89) | 2.91(2.14 to 3.89) | -84.92(-89.48 to -77.14) | -86.86(-90.84 to -80.09) | -6.04(-6.23 to -5.85) |
| Oceania | 2858.28(1662.06 to 4244.37) | 92.00(53.50 to 136.61) | 5143.52(3595.03 to 7086.20) | 77.91(54.45 to 107.33) | 79.95(16.38 to 214.08) | -15.32(-45.23 to 47.80) | -0.40(-0.58 to -0.22) |
| Southeast Asia | 404655.30(338523.77 to 473087.09) | 177.29(148.32 to 207.27) | 194162.30(158026.12 to 242903.30) | 58.57(47.67 to 73.27) | -52.02(-62.35 to -36.34) | -66.97(-74.08 to -56.17) | -3.43(-3.55 to -3.32) |
| Central Asia | 16051.03(14252.84 to 18012.44) | 47.43(42.11 to 53.22) | 5756.23(4747.13 to 6994.70) | 12.47(10.28 to 15.15) | -64.14(-70.25 to -57.01) | -73.71(-78.19 to -68.49) | -3.91(-4.23 to -3.59) |
| High-income Asia Pacific | 4774.28(3778.87 to 6014.06) | 5.92(4.68 to 7.45) | 1393.22(951.50 to 2011.57) | 1.88(1.29 to 2.72) | -70.82(-77.70 to -63.69) | -68.19(-75.69 to -60.42) | -3.97(-4.35 to -3.59) |
| Caribbean | 24004.07(19494.01 to 29614.03) | 140.46(114.07 to 173.29) | 30762.88(19909.39 to 44682.25) | 138.39(89.56 to 201.01) | 28.16(-14.15 to 85.57) | -1.48(-34.00 to 42.66) | 0.64(0.42 to 0.86) |
| Western Europe | 9219.30(7253.23 to 12288.95) | 5.31(4.18 to 7.08) | 5300.37(3362.19 to 8269.63) | 2.87(1.82 to 4.47) | -42.51(-56.16 to -29.56) | -46.08(-58.88 to -33.93) | -1.85(-2.00 to -1.71) |
| Andean Latin America | 39982.29(34223.62 to 46689.18) | 215.26(184.26 to 251.37) | 20884.07(15654.06 to 27162.35) | 66.83(50.09 to 86.92) | -47.77(-62.48 to -29.88) | -68.96(-77.70 to -58.32) | -3.97(-4.19 to -3.75) |
| Australasia | 655.04(471.40 to 921.24) | 7.02(5.05 to 9.87) | 444.13(270.34 to 699.83) | 3.25(1.98 to 5.12) | -32.20(-48.66 to -14.08) | -53.71(-64.95 to -41.34) | -2.36(-2.64 to -2.08) |
| Southern Latin America | 8167.95(6943.75 to 9670.06) | 34.43(29.27 to 40.76) | 3728.98(2812.50 to 4885.00) | 11.89(8.96 to 15.57) | -54.35(-65.01 to -42.43) | -65.48(-73.54 to -56.47) | -2.66(-2.90 to -2.41) |
| High-income North America | 11437.28(8400.92 to 15916.17) | 8.83(6.49 to 12.29) | 11119.92(7956.00 to 14919.97) | 6.79(4.86 to 9.11) | -2.77(-18.41 to 16.44) | -23.14(-35.50 to -7.96) | -0.65(-0.83 to -0.46) |

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|-------------------------------------|--|-----------------------------|---|-----------------------------|-----------------------------|-----------------------------|--------------------------|
| South Asia | 1315573.49(1116 160.72 to 14979 12.07) | 256.14(217.31 to 291.64) | 746671.17(55913 9.56 to 976528.3 7) | 86.11(64.48 to 112.61) | -43.24(-58.53 to -22.54) | -66.38(-75.44 to -54.12) | -3.74(-3.95 to -3.53) |
| Central Latin America | 76044.90(68348.9 5 to 83482.35) | 93.78(84.29 to 102.95) | 35210.94(29062.1 8 to 42471.83) | 28.84(23.80 to 34.78) | -53.70(-61.67 to -44.32) | -69.25(-74.54 to -63.02) | -3.59(-3.80 to -3.38) |
| North Africa and Middle East | 272820.46(21947 3.71 to 324250.6 5) | 168.60(135.63 to 200.38) | 112009.35(84543. 47 to 145989.82) | 38.73(29.23 to 50.47) | -58.94(-68.93 to -46.15) | -77.03(-82.62 to -69.87) | -4.35(-4.46 to -4.23) |
| Central Sub-Saharan Africa | 153719.33(10857 4.56 to 202462.5 6) | 563.09(397.72 to 741.64) | 169382.62(12003 9.56 to 232144.1 9) | 251.20(178.03 to 344.28) | 10.19(-26.98 t o 71.58) | -55.39(-70.44 to -30.53) | -1.91(-2.22 to -1.60) |
| Southern Sub-Saharan Africa | 41239.49(32036.5 8 to 53875.46) | 157.36(122.24 to 205.58) | 31624.81(24642.5 1 to 39964.12) | 80.21(62.50 to 101.36) | -23.31(-45.49 to 10.27) | -49.03(-63.77 to -26.71) | -0.86(-1.92 to 0.22) |
| Eastern Sub-Saharan Africa | 470623.05(40695 3.39 to 536555.4 0) | 497.43(430.14 to 567.12) | 411016.48(33451 1.73 to 500683.4 0) | 194.76(158.51 to 237.25) | -12.67(-30.52 to 9.70) | -60.85(-68.85 to -50.82) | -2.89(-3.04 to -2.75) |
| Tropical Latin America | 77629.05(69713.3 2 to 86526.12) | 103.92(93.33 t o 115.83) | 24210.12(20614.5 4 to 27912.33) | 22.41(19.08 to 25.83) | -68.81(-73.15 to -64.03) | -78.44(-81.44 to -75.13) | -4.11(-4.48 to -3.73) |
| Western Sub-Saharan Africa | 403527.9(314573. 61 to 491338.39) | 424.66(331.05 to 517.07) | 635306.82(49663 2.21 to 820756.2 1) | 257.7(201.45 t o 332.92) | 57.44(14.64- t o 121.65) | -39.32(-55.81 to -14.57) | -1.64(-1.76 to -1.52) |

Abbreviations: EAPC, estimated annual percentage change; SDI, Sociodemographic Index; CI, confidence interval; DALYs, Disability-Adjusted Life Years; HDP, Hypertensive disorders of pregnancy.

a EAPC is expressed as 95% CIs.

Supplementary Table 3. DALYs of HDP Between 1990 and 2021 at the Global and Regional Level in Different Ages.

| Location | Age | Rate per 100 000 (95% CI) | | | |
|---------------|-------------|------------------------------------|--------------------------|-----------------------------------|--------------------------|
| | | 1990 | | 2021 | |
| | | DALYs number | DALYs rate | DALYs number | DALYs rate |
| Global | <20 years | 592968.91(508214.17 to 674784.52) | 53.85(46.15 to 61.28) | 352375.96(289381.56 to 433862.35) | 27.59(22.65 to 33.97) |
| | 20-24 years | 907521.43(804451.86 to 1017248.79) | 371.73(329.51 to 416.67) | 549063.91(456305.58 to 657472.07) | 186.91(155.34 to 223.82) |
| | 25-29 years | 834821.22(726256.79 to 941017) | 379.29(329.97 to 427.54) | 546266.02(453263.85 to 658033.47) | 187.73(155.77 to 226.14) |
| | 30-34 years | 541017.25(471936.6 to 612887.11) | 284.58(248.25 to 322.39) | 432519.44(363751.57 to 511731.94) | 144.69(121.68 to 171.19) |
| | 35-39 years | 351421(309820.59 to 399282.71) | 202.6(178.62 to 230.2) | 326006.28(276386.95 to 389855) | 117.35(99.49 to 140.34) |
| | 40-44 years | 172894.39(150456.28 to 201939.95) | 123.3(107.3 to 144.01) | 184120.03(151638.76 to 224439.58) | 74.22(61.12 to 90.47) |
| | 45-49 years | 66351.79(54490.31 to 79887.69) | 58.31(47.88 to 70.2) | 66492.13(52678.06 to 87105.04) | 28.22(22.36 to 36.96) |
| | 50-74 years | 12888.84(7506.05 to 21043.62) | 3.28(1.91 to 5.36) | 12792.81(7743.11 to 21176.59) | 1.52(0.92 to 2.52) |
| SDI | | | | | |
| High | <20 years | 2965.22(2154.29 to 4139.1) | 2.42(1.76 to 3.38) | 571.72(421.25 to 772.45) | 0.51(0.37 to 0.68) |
| | 20-24 years | 7201.81(5359.19 to 10073.77) | 21.45(15.96 to 30) | 2393.63(1682.04 to 3385.34) | 7.59(5.34 to 10.74) |

| | | | | | |
|--------------------|-------------|----------------------------------|-----------------------|--------------------------------|-----------------------|
| | 25-29 years | 9904.79(7370.77 to 13601.98) | 27.63(20.56 to 37.95) | 4889.73(3293.35 to 7299.76) | 14.15(9.53 to 21.12) |
| | 30-34 years | 7582.77(5752.6 to 9979.74) | 21.37(16.21 to 28.12) | 6343.66(3864.36 to 9507.73) | 16.95(10.32 to 25.4) |
| | 35-39 years | 3874.87(3056.05 to 5122.73) | 11.59(9.14 to 15.32) | 4479.6(3109.03 to 6880.75) | 11.81(8.2 to 18.14) |
| | 40-44 years | 1333.46(1039.88 to 1682.72) | 4.27(3.33 to 5.39) | 1517.25(1081.74 to 2124.03) | 4.13(2.95 to 5.79) |
| | 45-49 years | 304.71(229.26 to 404.49) | 1.21(0.91 to 1.6) | 256.71(194.7 to 333.88) | 0.71(0.54 to 0.93) |
| | 50-74 years | 82.72(67.81 to 99.26) | 0.08(0.07 to 0.10) | 38.86(30.43 to 48.95) | 0.02(0.02 to 0.03) |
| High middle | <20 years | 16329.3(12791.14 to 20496.51) | 9.08(7.11 to 11.40) | 2565.22(2010.05 to 3408.98) | 1.78(1.39 to 2.36) |
| | 20-24 years | 35850.63(28490.6 to 43566.21) | 74.47(59.18 to 90.50) | 6054.5(4709.68 to 8036.46) | 17.01(13.23 to 22.58) |
| | 25-29 years | 36281.28(28848.55 to 44193.92) | 79.31(63.06 to 96.61) | 7827.93(5791.52 to 10696.81) | 19.42(14.37 to 26.54) |
| | 30-34 years | 25461.32(19938.46 to 31165.75) | 60.99(47.76 to 74.65) | 8654.02(6072.93 to 12298.87) | 16.81(11.79 to 23.89) |
| | 35-39 years | 16626.24(13086.67 to 20660.1) | 42.1(33.13 to 52.31) | 6061(4590.23 to 8278.06) | 12.23(9.26 to 16.71) |
| | 40-44 years | 6559.55(4931.95 to 8314.87) | 21.34(16.04 to 27.05) | 2804.73(2207.04 to 3522.41) | 6.16(4.85 to 7.74) |
| | 45-49 years | 1743.29(1190.53 to 2437.29) | 7.11(4.86 to 9.94) | 758.62(573.77 to 994.46) | 1.57(1.19 to 2.06) |
| | 50-74 years | 451.29(269.59 to 691.10) | 0.43(0.26 to 0.67) | 158.19(100.87 to 238.3) | 0.08(0.05 to 0.12) |
| Middle | <20 years | 100567.82(85624.96 to 116510.72) | 27.01(23 to 31.23) | 33651.47(27545.36 to 42147.58) | 9.36(7.66 to 11.76) |

| | | | | | |
|-------------------|-------------|-----------------------------------|--------------------------|-----------------------------------|--------------------------|
| | | 16259.49) | | 284.9) | |
| | 20-24 years | 183555.94(157301.78 to 212218.39) | 207.8(178.08 to 240.25) | 64675.31(53879.84 to 77706.28) | 74.62(62.17 to 89.66) |
| | 25-29 years | 176375.58(151372.96 to 205013.05) | 235.46(202.08 to 273.69) | 75553.96(63707.68 to 93325.77) | 83.39(70.32 to 103.01) |
| | 30-34 years | 116932.31(100588.51 to 135409.31) | 194.76(167.54 to 225.54) | 68159.44(57736.9 to 80623.98) | 69.02(58.47 to 81.64) |
| | 35-39 years | 70532.57(61140.25 to 80524.34) | 127.24(110.3 to 145.27) | 49633.1(42128.81 to 57965.01) | 54.16(45.97 to 63.25) |
| | 40-44 years | 28625.48(24007.56 to 33756.39) | 67.74(56.81 to 79.89) | 26940.68(22799.57 to 31956.37) | 32.91(27.86 to 39.04) |
| | 45-49 years | 10812.12(8921.09 to 13206.51) | 31.9(26.32 to 38.97) | 8608.48(6797.56 to 11578.67) | 10.61(8.38 to 14.28) |
| | 50-74 years | 3364.78(1867.36 to 5589.66) | 3.21(1.78 to 5.33) | 2364.07(1407.88 to 3964.07) | 0.84(0.50 to 1.42) |
| Low middle | <20 years | 276968.41(231706.23 to 318107.24) | 96.05(80.36 to 110.32) | 110344.03(89189.54 to 140988.36) | 29.68(23.99 to 37.93) |
| | 20-24 years | 398504.53(341387.7 to 457948.29) | 764.09(654.57 to 878.06) | 193364.46(156170.78 to 241193.52) | 222.23(179.49 to 277.21) |
| | 25-29 years | 351850.32(295354.27 to 406478.11) | 783.93(658.06 to 905.64) | 199882.89(157912.72 to 248591.14) | 246.02(194.36 to 305.97) |
| | 30-34 years | 218208.22(184351.41 to 251446.64) | 582.76(492.34 to 671.53) | 160810.02(129132.39 to 200786.05) | 217.58(174.72 to 271.67) |
| | 35-39 years | 139491.44(120596.1 to 161369.58) | 435.45(376.46 to 503.74) | 129063.91(103512.37 to 160485.43) | 193.83(155.45 to 241.02) |
| | 40-44 years | 68945.29(57598.12 to 82 | 265.74(222.01 to 316. | 68571.62(54551.22 to 86 | 118.88(94.57 to 149.1 |

| | | | | | |
|------------|-------------|--------------------------------------|---------------------------------|--------------------------------------|------------------------------|
| | | 180.37) | 75) | 017.47) | 2) |
| | 45-49 years | 21867.45(17693.78 to 26 730.68) | 100.75(81.52 to 123.1 5) | 20870.32(16111.57 to 28 121.11) | 42.22(32.59 to 56.88) |
| | 50-74 years | 4392.82(2657.3 to 7168. 23) | 7.26(4.39 to 11.84) | 5096.73(2997.01 to 847 0.18) | 3.48(2.05 to 5.78) |
| Low | <20 years | 195830.06(161536.96 to 231879.29) | 142.54(117.58 to 168. 78) | 205022.28(162384.44 to 255848.55) | 71.31(56.48 to 88.99) |
| | 20-24 years | 281885.77(237768.51 to 320982.87) | 1297.77(1094.66 to 1 477.77) | 282161.36(229456.1 to 3 44985.13) | 535.08(435.13 to 654. 22) |
| | 25-29 years | 259897.07(219564.92 to 296531.12) | 1403.08(1185.34 to 1 600.85) | 257644.56(210676.7 to 3 15245.37) | 584.9(478.28 to 715.6 7) |
| | 30-34 years | 172465.98(145453.57 to 198750.66) | 1133.83(956.24 to 13 06.63) | 188147.24(156033.65 to 226379.78) | 506.88(420.37 to 609. 89) |
| | 35-39 years | 120651.91(103829.83 to 140630.16) | 936.4(805.84 to 1091. 46) | 136510.26(113678.8 to 1 65060.82) | 428.39(356.74 to 517. 99) |
| | 40-44 years | 67297.89(55992.29 to 80 026.83) | 678.74(564.71 to 807. 11) | 84101.07(66936.6 to 104 518.67) | 321.98(256.27 to 400. 15) |
| | 45-49 years | 31564.6(24510.06 to 391 28.58) | 380.22(295.24 to 471. 33) | 35922(27032.22 to 4761 0.16) | 172.97(130.17 to 229. 25) |
| | 50-74 years | 4584.92(2563.46 to 731 9.99) | 20.23(11.31 to 32.3) | 5125.79(3080 to 8667.6 2) | 31.49(18.92 to 53.25) |

Abbreviations: SDI, Sociodemographic Index; CI, confidence interval; DALYs, Disability-Adjusted Life Years; HDP, Hypertensive disorders of pregnancy.

Supplementary Table 4. Death of HDP Between 1990 and 2021 at the Global and Regional Level

| Location | Rate per 100 000 (95% CI) | | | | | | |
|-----------------------|--------------------------------|--------------------|--------------------------------|--------------------|--------------------------|--------------------------|-----------------------|
| | 1990 | | 2021 | | 1990-2021 | | |
| | Death number | Death rate | Death number | Death rate | Number change(%) | Rate change (%) | Rate EAPC |
| Global | 53894.47(47675.64 to 59819.41) | 2.13(1.89 to 2.37) | 38147.32(31879.04 to 46096.18) | 1.04(0.87 to 1.26) | -29.22(-42.04 to -13.50) | -51.03(-59.91 to -40.16) | -2.25(-2.34 to -2.16) |
| SDI | | | | | | | |
| High | 338.42(284.73 to 397.4) | 0.08(0.07 to 0.1) | 135.21(113.52 to 163.35) | 0.03(0.02 to 0.03) | -60.05(-67.75 to -49.80) | -65.52(-72.17 to -56.68) | -2.95(-3.12 to -2.78) |
| High middle | 2022.04(1625.21 to 2412.38) | 0.4(0.32 to 0.48) | 361.15(299.73 to 448.33) | 0.06(0.05 to 0.08) | -82.14(-86.13 to -76.80) | -84.62(-88.06 to -80.03) | -5.68(-5.9 to -5.46) |
| Middle | 10548.45(9345.93 to 11814.89) | 1.29(1.14 to 1.44) | 4961.07(4234.65 to 5980.84) | 0.44(0.37 to 0.53) | -52.97(-60.95 to -41.85) | -66.09(-71.85 to -58.08) | -3.33(-3.46 to -3.21) |
| Low middle | 23080.17(19956.89 to 25794.82) | 4.14(3.58 to 4.63) | 14068.62(11322.31 to 17616.39) | 1.53(1.23 to 1.92) | -39.04(-52.71 to -23.16) | -63.01(-71.30 to -53.37) | -3.21(-3.32 to -3.10) |
| Low | 17871.52(15191.36 to 20320.29) | 7.32(6.22 to 8.32) | 18588.79(15233.51 to 22700.34) | 3.4(2.79 to 4.15) | 4.01(-18.40 to 31.92) | -53.53(-63.54 to -41.07) | -2.40(-2.50 to -2.30) |
| Regions | | | | | | | |
| Central Europe | 51.54(44.7 to 59.58) | 0.09(0.08 to 0.1) | 6.66(5.6 to 8.03) | 0.01(0.01 to 0.02) | -87.07(-89.48 to -84.09) | -84.76(-87.60 to -81.25) | -5.06(-5.46 to -4.66) |
| Eastern Europe | 185.51(159.23 to 211.27) | 0.17(0.15 to 0.19) | 16.9(13.75 to 20.87) | 0.02(0.01 to 0.02) | -90.89(-92.69 to -88.57) | -89.61(-91.67 to -86.96) | -6.68(-7.21 to -6.15) |
| East Asia | 1821.7(1244.66 to 2461.72) | 0.32(0.22 to 0.43) | 193.82(139.92 to 267.9) | 0.03(0.02 to 0.04) | -89.36(-92.91 to -82.77) | -90.73(-93.82 to -84.99) | -7.10(-7.42 to -6.79) |

| | | | | | | | |
|-------------------------------------|--------------------------------|--------------------|-------------------------------|--------------------|--------------------------|--------------------------|-----------------------|
| Oceania | 43.6(24.09 to 64.76) | 1.4(0.78 to 2.08) | 78.73(53.76 to 110.29) | 1.19(0.81 to 1.67) | 80.56(13.83 to 234.52) | -15.03(-46.43 to 57.43) | -0.38(-0.57 to -0.19) |
| Southeast Asia | 6404.86(5359.36 to 7510.08) | 2.81(2.35 to 3.29) | 3097.37(2486.77 to 3898.14) | 0.93(0.75 to 1.18) | -51.64(-62.56 to -35.11) | -66.71(-74.23 to -55.33) | -3.41(-3.54 to -3.28) |
| Central Asia | 251.7(223.72 to 283.38) | 0.74(0.66 to 0.84) | 80.44(66.21 to 96.65) | 0.17(0.14 to 0.21) | -68.04(-73.67 to -61.38) | -76.57(-80.70 to -71.69) | -4.32(-4.63 to -4.00) |
| High-income Asia Pacific | 52.72(43.27 to 62.04) | 0.07(0.05 to 0.08) | 6.95(5.68 to 8.37) | 0.01(0.01 to 0.01) | -6.87(-26.77 to 19.86) | -85.63(-88.81 to -81.34) | -6.00(-6.25 to -5.76) |
| Caribbean | 382.93(307.16 to 482.58) | 2.24(1.8 to 2.82) | 510.51(326.23 to 750.21) | 2.3(1.47 to 3.37) | 33.32(-12.32 to 97.10) | 2.49(-32.59 to 51.52) | 0.77(0.54 to 1.00) |
| Western Europe | 86.84(77.43 to 98.04) | 0.05(0.04 to 0.06) | 19.72(17.19 to 22.31) | 0.01(0.01 to 0.01) | -77.29(-80.80 to -73.19) | -78.70(-81.99 to -74.85) | -4.51(-4.80 to -4.21) |
| Andean Latin America | 642.78(548.06 to 749.21) | 3.46(2.95 to 4.03) | 336.84(248.3 to 443.62) | 1.08(0.79 to 1.42) | -47.60(-62.59 to -28.50) | -68.85(-77.77 to -57.51) | -3.99(-4.23 to -3.75) |
| Australasia | 4.38(3.49 to 5.39) | 0.05(0.04 to 0.06) | 1.44(1.09 to 1.83) | 0.01(0.01 to 0.01) | -67.24(-76.30 to -55.96) | -77.63(-83.82 to -69.93) | -4.21(-4.82 to -3.59) |
| Southern Latin America | 114.26(97.44 to 134.91) | 0.48(0.41 to 0.57) | 36.98(28.86 to 46.22) | 0.12(0.09 to 0.15) | -67.63(-76.09 to -56.67) | -75.53(-81.92 to -67.24) | -3.49(-3.82 to -3.16) |
| High-income North America | 87.84(71.95 to 108.29) | 0.07(0.06 to 0.08) | 81.81(66.41 to 101.76) | 0.05(0.04 to 0.06) | -82.14(-86.13 to -76.80) | -26.38(-42.11 to -5.25) | -0.25(-0.53 to 0.03) |
| South Asia | 20400.61(17206.06 to 23201.94) | 3.97(3.35 to 4.52) | 11967.41(8863.31 to 15765.96) | 1.38(1.02 to 1.82) | -41.34(-57.77 to -18.95) | -65.25(-74.99 to -51.99) | -3.62(-3.82 to -3.42) |
| Central Latin America | 1127.64(1029.91 to 1233.25) | 1.39(1.27 to 1.52) | 494.54(402.3 to 604.69) | 0.41(0.33 to 0.5) | -56.14(-65.03 to -45.83) | -70.87(-76.78 to -64.03) | -3.82(-4.05 to -3.60) |
| North Africa and Middle East | 4350.34(3443.05 to 5185.47) | 2.69(2.13 to 3.2) | 1654.2(1187.64 to 2208.77) | 0.57(0.41 to 0.76) | -61.98(-72.15 to -49.44) | -78.73(-84.42 to -71.71) | -4.59(-4.71 to -4.47) |

| | | | | | | | |
|------------------------------------|-----------------------------|---------------------|------------------------------|--------------------|--------------------------|--------------------------|-----------------------|
| Central Sub-Saharan Africa | 2463.99(1734.77 to 3273.31) | 9.03(6.35 to 11.99) | 2679.3(1860.14 to 3718.49) | 3.97(2.76 to 5.51) | 8.74(-29.66 to 73.57) | -55.98(-71.52 to -29.73) | -1.92(-2.23 to -1.60) |
| Southern Sub-Saharan Africa | 622.48(473.00 to 819.60) | 2.38(1.80 to 3.13) | 475.06(362.93 to 613.79) | 1.20(0.92 to 1.56) | -23.68(-47.49 to 14.79) | -49.27(-65.10 to -23.70) | -0.73(-1.90 to 0.46) |
| Eastern Sub-Saharan Africa | 7509.59(6428.81 to 8641.51) | 7.94(6.80 to 9.13) | 6404.01(5097.89 to 7876.65) | 3.03(2.42 to 3.73) | -14.72(-33.33 to 8.27) | -61.77(-70.11 to -51.46) | -2.96(-3.09 to -2.82) |
| Tropical Latin America | 1225.12(1092.67 to 1372.45) | 1.64(1.46 to 1.84) | 344.91(298.96 to 393.21) | 0.32(0.28 to 0.36) | -71.85(-75.96 to -67.21) | -80.54(-83.38 to -77.33) | -4.38(-4.78 to -3.99) |
| Western Sub-Saharan Africa | 6064.03(4653.63 to 7378.18) | 6.38(4.90 to 7.76) | 9659.72(7354.05 to 12668.55) | 3.92(2.98 to 5.14) | 59.30(14.31 to 129.15) | -38.60(-55.94 to -11.68) | -1.59(-1.72 to -1.47) |

Abbreviations: EAPC, estimated annual percentage change; SDI, Sociodemographic Index; CI, confidence interval; DALYs, Disability-Adjusted Life Years; HDI, Human Development Index; HDP, Hypertensive disorders of pregnancy.

a EAPC is expressed as 95% CIs.

Supplementary Table 5. Death of HDP Between 1990 and 2021 at the Global and Regional Level in Different Ages.

| Location | Age | Rate per 100 000 (95% CI) | | | |
|------------|-------------|--------------------------------|--------------------|-----------------------------|--------------------------|
| | | 1990 | | 2021 | |
| | | Death number | Death rate | Death number | Death rate |
| Global | <20 years | 7906(6754.63 to 9009.28) | 0.72(0.61 to 0.82) | 4663.4(3806.19 to 5743.92) | 0.37(0.3 to 0.45) |
| | 20-24 years | 12798.84(11391.22 to 14257.3) | 5.24(4.67 to 5.84) | 7560.92(6199.14 to 9078.48) | 2.57(2.11 to 3.09) |
| | 25-29 years | 12662.97(11073.47 to 14258.56) | 5.75(5.03 to 6.48) | 7979.15(6594.27 to 9717.06) | 2.74(2.27 to 3.34) |
| | 30-34 years | 8867.63(7650.26 to 9977.9) | 4.66(4.02 to 5.25) | 6745.99(5608 to 8173.9) | 2.26(1.88 to 2.73) |
| | 35-39 years | 6336.79(5594.87 to 7177.32) | 3.65(3.23 to 4.14) | 5693.29(4782.78 to 6835.86) | 2.05(1.72 to 2.46) |
| | 40-44 years | 3483.18(3009.55 to 4063.25) | 2.48(2.15 to 2.9) | 3665.31(2996.8 to 4499.29) | 1.48(1.21 to 1.81) |
| | 45-49 years | 1505.58(1227.73 to 1822.93) | 1.32(1.08 to 1.60) | 1508.53(1181.12 to 1987.98) | 0.64(0.50 to 0.84) |
| | 50-74 years | 333.47(192.65 to 546.22) | 0.08(0.05 to 0.14) | 330.73(198.34 to 549.77) | 0.04(0.02 to 0.07) |
| SDI | | | | | |
| High | <20 years | 24.64(19.43 to 31.59) | 0.02(0.02 to 0.03) | 4.83(3.77 to 6.16) | 0.0043(0.0033 to 0.0055) |
| | 20-24 years | 62.85(52.39 to 74.19) | 0.19(0.16 to 0.22) | 16.97(13.61 to 21.1) | 0.05(0.04 to 0.07) |
| | 25-29 years | 91.1(75.34 to 107.05) | 0.25(0.21 to 0.30) | 28.37(22.84 to 35.21) | 0.08(0.07 to 0.10) |

| | | | | | |
|--------------------|-------------|-----------------------------|--------------------------|---------------------------|--------------------------|
| | 30-34 years | 79.69(67.11 to 95.07) | 0.22(0.19 to 0.27) | 34.26(26.57 to 43.51) | 0.09(0.07 to 0.12) |
| | 35-39 years | 49.95(40.53 to 60.69) | 0.15(0.12 to 0.18) | 30.76(24.07 to 38.99) | 0.08(0.06 to 0.10) |
| | 40-44 years | 21.99(17.27 to 28.24) | 0.07(0.06 to 0.09) | 14.76(11.36 to 19.29) | 0.04(0.03 to 0.05) |
| | 45-49 years | 6.11(4.48 to 8.29) | 0.02(0.02 to 0.03) | 4.41(3.22 to 5.93) | 0.01(0.01 to 0.02) |
| | 50-74 years | 2.08(1.69 to 2.51) | 0.0021 (0.0017to 0.0025) | 0.85(0.65 to 1.10) | 0.0005(0.0004 to 0.0007) |
| High middle | <20 years | 203.53(155.35 to 262.4) | 0.11(0.09 to 0.15) | 29.2(22.29 to 39.3) | 0.02(0.02 to 0.03) |
| | 20-24 years | 449.58(367.28 to 528.9) | 0.93(0.76 to 1.10) | 62.67(50.44 to 80.47) | 0.18(0.14 to 0.23) |
| | 25-29 years | 503.35(403.89 to 611.12) | 1.1(0.88 to 1.34) | 69.07(55.26 to 89.97) | 0.17(0.14 to 0.22) |
| | 30-34 years | 394.14(307.77 to 480.08) | 0.94(0.74 to 1.15) | 72.78(60.12 to 90.36) | 0.14(0.12 to 0.18) |
| | 35-39 years | 290.67(228.41 to 359.7) | 0.74(0.58 to 0.91) | 65.7(54.06 to 80.25) | 0.13(0.11 to 0.16) |
| | 40-44 years | 129.65(96.6 to 166.22) | 0.42(0.31 to 0.54) | 42.27(33.56 to 53.15) | 0.09(0.07 to 0.12) |
| | 45-49 years | 39.45(26.87 to 55.45) | 0.16(0.11 to 0.23) | 15.59(11.46 to 21.02) | 0.03(0.02 to 0.04) |
| | 50-74 years | 11.68(6.92 to 17.92) | 0.01(0.01 to 0.02) | 3.87(2.4 to 5.93) | 0.002 (0.001 to 0.003) |
| Middle | <20 years | 1321.76(1120.87 to 1535.43) | 0.36(0.30 to 0.41) | 431.33(350.33 to 544.56) | 0.12(0.1 to 0.15) |
| | 20-24 years | 2529.85(2177.21 to 2922.62) | 2.86(2.46 to 3.31) | 856.78(708.73 to 1037.93) | 0.99(0.82 to 1.20) |
| | 25-29 years | 2638.47(2261.92 to 3041.03) | 3.52(3.02 to 4.06) | 1043.94(871.25 to 1286.4) | 1.15(0.96 to 1.42) |
| | 30-34 years | 1901.39(1625.89 to 2207.84) | 3.17(2.71 to 3.68) | 1013.89(860.5 to 1203.29) | 1.03(0.87 to 1.22) |
| | 35-39 years | 1258.07(1093.59 to 1431.26) | 2.27(1.97 to 2.58) | 833.17(712.69 to 973.65) | 0.91(0.78 to 1.06) |
| | 40-44 years | 567.87(480.2 to 666.93) | 1.34(1.14 to 1.58) | 525.84(442.07 to 625.21) | 0.64(0.54 to 0.76) |

| | | | | | |
|-------------------|-------------|-----------------------------|-----------------------|-----------------------------|---------------------|
| | 45-49 years | 243.78(201.17 to 298.89) | 0.72(0.59 to 0.88) | 194.95(151.82 to 264.2) | 0.24(0.19 to 0.33) |
| | 50-74 years | 87.26(47.92 to 145.54) | 0.08(0.05 to 0.14) | 61.17(36.02 to 102.94) | 0.02(0.01 to 0.04) |
| Low middle | <20 years | 3725.89(3093.62 to 4299.96) | 1.29(1.07 to 1.49) | 1461.09(1174.67 to 1853.74) | 0.39(0.32 to 0.50) |
| | 20-24 years | 5721.83(4901.98 to 6564.23) | 10.97(9.40 to 12.59) | 2688.21(2146.59 to 3385.34) | 3.09(2.47 to 3.89) |
| | 25-29 years | 5442.66(4583.43 to 6307.27) | 12.13(10.21 to 14.05) | 2991.42(2351.37 to 3729.2) | 3.68(2.89 to 4.59) |
| | 30-34 years | 3641.12(3052.61 to 4211.92) | 9.72(8.15 to 11.25) | 2599.75(2064.69 to 3276.46) | 3.52(2.79 to 4.43) |
| | 35-39 years | 2545.45(2181.56 to 2940.26) | 7.95(6.81 to 9.18) | 2330.6(1853.96 to 2932.58) | 3.5(2.78 to 4.40) |
| | 40-44 years | 1395.8(1159.99 to 1661.25) | 5.38(4.47 to 6.40) | 1390.29(1101.39 to 1760.93) | 2.41(1.91 to 3.05) |
| | 45-49 years | 493.99(397.1 to 602.78) | 2.28(1.83 to 2.78) | 475.03(362.4 to 641.44) | 0.96(0.73 to 1.3) |
| | 50-74 years | 113.44(67.71 to 186.3) | 0.19(0.11 to 0.31) | 132.23(77.42 to 220.62) | 0.09(0.05 to 0.15) |
| Low | <20 years | 2626.13(2172.05 to 3101.02) | 1.91(1.58 to 2.26) | 2734.04(2146.57 to 3424.24) | 0.95(0.75 to 1.19) |
| | 20-24 years | 4027.43(3407.37 to 4602.59) | 18.54(15.69 to 21.19) | 3930.5(3130.62 to 4831.95) | 7.45(5.94 to 9.16) |
| | 25-29 years | 3979.63(3352.19 to 4575.41) | 21.48(18.1 to 24.70) | 3839.33(3104.25 to 4730.57) | 8.72(7.05 to 10.74) |
| | 30-34 years | 2845.28(2401.86 to 3273.28) | 18.71(15.79 to 21.52) | 3018.78(2485.6 to 3682.27) | 8.13(6.7 to 9.92) |
| | 35-39 years | 2188.26(1872.44 to 2541.41) | 16.98(14.53 to 19.72) | 2428.52(2002.07 to 2967.52) | 7.62(6.28 to 9.31) |

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|-------------|-----------------------------|-----------------------|-----------------------------|--------------------|
| 40-44 years | 1365.21(1128.52 to 1631.72) | 13.77(11.38 to 16.46) | 1688.44(1334.97 to 2111.78) | 6.46(5.11 to 8.08) |
| 45-49 years | 720.87(552.04 to 894.78) | 8.68(6.65 to 10.78) | 816.8(611.17 to 1078.18) | 3.93(2.94 to 5.19) |
| 50-74 years | 118.7(65.95 to 190.34) | 0.52(0.29 to 0.84) | 132.37(79.06 to 224.80) | 0.81(0.49 to 1.38) |

Abbreviations: SDI, Sociodemographic Index; CI, confidence interval; HDP, Hypertensive disorders of pregnancy.

Supplementary Table 6. Incidence, DALYs and Death rate of HDP Between 1990 and 2021 at 204 countries and territories

| Location | Rate per 100 000 (95% CI) | | | | | |
|----------------------------------|------------------------------|--------------------------|-------------------------|-----------------------|--------------------|--------------------|
| | 1990 | 2021 | 1990 | 2021 | 1990 | 2021 |
| | Incidence rate | Incidence rate | DALYs rate | DALYs rate | Death rate | Death rate |
| American Samoa | 925.65(729.16 to 1195.37) | 594.34(467.45 to 759.45) | 56.58(35.17 to 81.8) | 47.52(29.49 to 72.12) | 0.84(0.48 to 1.26) | 0.72(0.42 to 1.15) |
| Antigua and Barbuda | 327.47(253.6 to 418.69) | 223.4(176.21 to 281.57) | 20.33(16.74 to 24.4) | 10.9(9.06 to 13.35) | 0.28(0.23 to 0.34) | 0.14(0.11 to 0.17) |
| Arab Republic of Egypt | 747.92(605.19 to 959.24) | 468.59(374.15 to 610.47) | 116.66(82.48 to 155.49) | 25.26(17.4 to 34.88) | 1.81(1.25 to 2.45) | 0.34(0.22 to 0.48) |
| Argentine Republic | 428.54(324.69 to 550.15) | 371.31(286.37 to 486.09) | 34.3(27.42 to 42.46) | 11.93(8.79 to 15.87) | 0.49(0.38 to 0.61) | 0.13(0.09 to 0.17) |
| Australia | 274.3(231.5 to 324.7) | 209.91(155.62 to 271.88) | 5.54(3.96 to 7.58) | 2.81(1.69 to 4.51) | 0.04(0.03 to 0.05) | 0.01(0.01 to 0.01) |
| Barbados | 367.06(289.09 to 486.51) | 257.92(205.09 to 334.39) | 23.89(19.5 to 28.82) | 10.63(8.23 to 14.25) | 0.32(0.26 to 0.39) | 0.13(0.10 to 0.18) |
| Belize | 721.42(559.32 to 926.11) | 386.26(306.31 to 501.67) | 42.64(35.09 to 52.63) | 29.34(23.74 to 36.01) | 0.58(0.48 to 0.70) | 0.42(0.34 to 0.52) |
| Bermuda | 363.49(282.35 to 477.78) | 292.08(234.63 to 371.96) | 13.53(10.83 to 17.19) | 3.6(2.24 to 5.87) | 0.16(0.13 to 0.19) | 0.01(0.01 to 0.02) |
| Bolivarian Republic of Venezuela | 417.48(349.75 to 504.67) | 308.68(262.01 to 375.68) | 65.88(56.730 to 75.96) | 44.34(32.09 to 59.97) | 1.04(0.89 to 1.20) | 0.68(0.47 to 0.93) |
| Bosnia and Herzegovina | 139.38(101.61 to 188.33) | 131.28(95.64 to 169.84) | 4.07(2.86 to 5.67) | 2.29(1.41 to 3.44) | 0.04(0.03 to 0.06) | 0.01(0.01 to 0.02) |
| Brunei Darussalam | 185.48(145.53 to 235.43) | 124.47(96.99 to 151.95) | 36.18(21.59 to 56.18) | 6.61(4.22 to 9.95) | 0.61(0.35 to 0.97) | 0.1(0.06 to 0.16) |

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|--|-----------------------------|-----------------------------|--------------------------|--------------------------|----------------------|---------------------|
| | 245.39) | 57.88) | 61) | | | |
| Burkina Faso | 2361.32(1997.31 to 2781.91) | 1984.45(1681.19 to 2324.57) | 355.55(253.73 to 473.88) | 192.96(129.41 to 273.99) | 5.63(3.87 to 7.71) | 2.88(1.93 to 4.22) |
| Canada | 114.64(95.73 to 134.77) | 39.16(28.94 to 52.54) | 2.31(1.63 to 3.13) | 1.48(1.14 to 1.95) | 0.02(0.01 to 0.02) | 0.02(0.01 to 0.02) |
| Central African Republic | 1948.42(1598.80 to 2369.93) | 1214.92(977.12 to 1503.69) | 736.27(517.66 to 952.94) | 407.03(253.60 to 622.85) | 12.16(8.37 to 15.93) | 6.77(4.12 to 10.47) |
| Commonwealth of Dominica | 661.25(515.92 to 852.12) | 330.98(265.54 to 424.71) | 10.05(6.76 to 15.49) | 6.58(4.22 to 9.33) | 0.06(0.04 to 0.08) | 0.05(0.03 to 0.08) |
| Commonwealth of the Bahamas | 388.56(307.2 to 504.09) | 244.96(193.94 to 314.03) | 38.51(31.02 to 47.15) | 17.12(12.76 to 22.44) | 0.57(0.47 to 0.70) | 0.24(0.18 to 0.32) |
| Cook Islands | 492.62(374.88 to 650.33) | 348.85(274.73 to 447.38) | 6.54(3.77 to 10.75) | 4.01(2.17 to 6.77) | 0.02(0.01 to 0.04) | 0.01(0 to 0.01) |
| Czech Republic | 214.22(148.88 to 295.44) | 242.6(174.75 to 321.46) | 5.27(3.89 to 7.17) | 3.14(1.83 to 5.15) | 0.05(0.04 to 0.06) | 0.01(0.01 to 0.01) |
| Democratic People's Republic of Korea | 158.61(116.98 to 218.32) | 77.15(56.98 to 103.75) | 78.42(41.82 to 127.80) | 9.97(5.59 to 16.97) | 1.32(0.70 to 2.17) | 0.15(0.08 to 0.27) |
| Democratic Republic of Sao Tome and Principe | 1898.45(1603.89 to 2195.18) | 900.69(764.97 to 1047.26) | 195.14(124.49 to 285.09) | 41.04(23.87 to 66.83) | 3.04(1.81 to 4.51) | 0.57(0.29 to 1.02) |
| Democratic Republic of the Congo | 2284.56(1920.52 to 2666.26) | 1347.68(1108.49 to 1641.78) | 605.18(401.56 to 841.42) | 261.31(172.8 to 362.75) | 10.15(6.68 to 14.03) | 4.24(2.75 to 5.98) |
| Democratic Republic of Timor-Leste | 859.58(673.70 to 1090.32) | 504.62(388.34 to 638.37) | 403.15(255.6 to 567.19) | 64.05(40.25 to 99.04) | 7.07(4.36 to 10.03) | 1.07(0.63 to 1.69) |
| Democratic Socialist Republic of Sri Lanka | 302.72(226.72 to 392.67) | 289.29(220.19 to 382.11) | 46.88(30.14 to 68.16) | 8.59(5.87 to 12.39) | 0.7(0.43 to 1.04) | 0.09(0.05 to 0.14) |
| Dominican Republic | 519.26(410.28 to 628.24) | 400.48(315.19 to 485.77) | 124.39(97.40 to 151.38) | 42.83(32.02 to 56.64) | 1.94(1.51 to 2.39) | 0.64(0.46 to 0.85) |

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|---|-----------------------------|-----------------------------|--------------------------|--------------------------|----------------------|--------------------|
| | 672.93) | 524.71) | 52.15) | 56) | | |
| Eastern Republic of Uruguay | 372.78(284.77 to 500.31) | 369.56(281.95 to 487.75) | 20.16(16.85 to 24.39) | 9.33(7.02 to 12.78) | 0.27(0.22 to 0.32) | 0.09(0.07 to 0.11) |
| Federal Democratic Republic of Ethiopia | 2330.62(1950.71 to 2776.58) | 1416.23(1201.46 to 1643.68) | 756.12(606.31 to 902.81) | 137.06(94.16 to 182.72) | 12.66(10.00 to 15.2) | 2.18(1.45 to 2.97) |
| Federal Democratic Republic of Nepal | 756.05(607.85 to 959.66) | 269.39(205.37 to 357.88) | 365.87(230.94 to 524.16) | 45.48(26.02 to 66.16) | 6.03(3.74 to 8.72) | 0.71(0.38 to 1.22) |
| Federal Republic of Germany | 224.08(166.75 to 301.77) | 303.04(227.20 to 406.56) | 5.38(4.08 to 7.41) | 3.93(2.28 to 6.56) | 0.05(0.04 to 0.06) | 0.01(0.01 to 0.01) |
| Federal Republic of Nigeria | 2344.29(2017.68 to 2683.81) | 1694.79(1474.20 to 1919.29) | 427.52(287.55 to 589.73) | 300.83(198.8 to 446.98) | 6.46(4.18 to 9.15) | 4.83(3.12 to 7.33) |
| Federal Republic of Somalia | 2508.38(2103.87 to 2944.31) | 1919.09(1579.05 to 2310.00) | 510.97(335.39 to 715.34) | 202.52(132.44 to 290.15) | 8.27(5.28 to 11.74) | 3.18(1.99 to 4.77) |
| Federated States of Micronesia | 670.15(522 to 853.25) | 427.18(327.12 to 541.35) | 69.12(41.48 to 104.67) | 18.38(11.27 to 28.81) | 1.06(0.59 to 1.66) | 0.23(0.12 to 0.39) |
| Federative Republic of Brazil | 477.41(383.32 to 612.08) | 313.28(268.66 to 372.68) | 93.7(84.00 to 104.84) | 19.94(16.96 to 23.04) | 1.51(1.34 to 1.70) | 0.28(0.24 to 0.32) |
| French Republic | 187(136.88 to 253.34) | 243.87(177.25 to 327.59) | 5.32(4.05 to 7.08) | 3.37(1.97 to 5.64) | 0.05(0.04 to 0.07) | 0.01(0.01 to 0.02) |
| Gabonese Republic | 1648.24(1359.92 to 1956.64) | 999.62(855.47 to 1151.55) | 322.59(228.46 to 441.97) | 89.92(51.04 to 150.72) | 5.15(3.58 to 7.14) | 1.34(0.72 to 2.32) |
| Georgia | 63.78(51.43 to 79.2) | 74.59(70.32 to 78.63) | 21.01(17.37 to 25.61) | 3.55(2.82 to 4.36) | 0.35(0.29 to 0.42) | 0.05(0.04 to 0.06) |
| Grand Duchy of Luxembourg | 56.58(43.96 to 72.05) | 55.19(43.29 to 70.71) | 3.71(3.03 to 4.52) | 1.33(0.98 to 1.74) | 0.05(0.04 to 0.07) | 0.01(0.01 to 0.02) |
| Greenland | 115.81(86.56 to 151.06) | 111.04(83.13 to 138.95) | 5.03(3.26 to 7.19) | 2.2(1.42 to 3.16) | 0.06(0.04 to 0.09) | 0.02(0.01 to 0.03) |

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|---------------------------------------|-----------------------------|-----------------------------|---------------------------|--------------------------|-----------------------|--------------------|
| | 54.66) | 51.51) | | | | |
| Grenada | 486.43(381.08 to 631.2) | 289.49(225.87 to 366.14) | 71.38(58.2 to 86.25) | 53.68(41.59 to 67.65) | 1.07(0.87 to 1.31) | 0.83(0.63 to 1.06) |
| Guam | 560.92(430.18 to 720.4) | 617.4(482.97 to 795.03) | 13.65(9.19 to 19.3) | 16.47(11.56 to 22.65) | 0.13(0.08 to 0.19) | 0.18(0.12 to 0.27) |
| Hashemite Kingdom of Jordan | 298.77(232.28 to 393.96) | 165.53(127.75 to 220.25) | 149.98(104.69 to 202.35) | 6.46(4.09 to 9.52) | 2.61(1.81 to 3.56) | 0.08(0.05 to 0.13) |
| Hellenic Republic | 125.11(90.98 to 170.58) | 148.16(108.76 to 196.23) | 2.83(2.08 to 3.96) | 2.38(1.52 to 3.56) | 0.02(0.02 to 0.03) | 0.01(0.01 to 0.02) |
| Hungary | 96.92(71.91 to 133.42) | 95.94(74.11 to 123.86) | 5.6(4.65 to 6.80) | 1.93(1.36 to 2.63) | 0.08(0.06 to 0.09) | 0.02(0.01 to 0.02) |
| Independent State of Papua New Guinea | 575.08(455.52 to 718.59) | 462.04(366.87 to 593.23) | 98.88(51.30 to 149.41) | 75.21(50.19 to 105.62) | 1.56(0.77 to 2.40) | 1.16(0.76 to 1.67) |
| Independent State of Samoa | 505.26(391.79 to 652.92) | 615.52(476.33 to 787.12) | 25.29(15.10 to 37.96) | 17.53(11.18 to 27.25) | 0.33(0.17 to 0.54) | 0.18(0.10 to 0.31) |
| Ireland | 121.85(90.22 to 162.59) | 128.13(95.89 to 167.83) | 3.77(2.88 to 4.93) | 1.94(1.26 to 2.95) | 0.04(0.03 to 0.05) | 0.01(0.01 to 0.01) |
| Islamic Republic of Afghanistan | 740.38(574.37 to 959.84) | 522.42(405.01 to 657.07) | 578.94(378.11 to 838.26) | 229.61(140.38 to 354.78) | 10.1(6.52 to 14.68) | 3.78(2.24 to 5.93) |
| Islamic Republic of Iran | 759.79(587.12 to 983.74) | 324.98(247.16 to 429.14) | 48.7(35.08 to 64.23) | 5.2(3.31 to 7.87) | 0.68(0.48 to 0.91) | 0.03(0.02 to 0.04) |
| Islamic Republic of Mauritania | 2220.44(1898.24 to 2524.47) | 1390.19(1212.37 to 1558.69) | 972.06(741.62 to 1231.85) | 186.45(104.27 to 299.66) | 16.12(12.21 to 20.54) | 2.97(1.55 to 4.97) |
| Islamic Republic of Pakistan | 1166.16(961.68 to 1426.18) | 679.25(552.72 to 842.4) | 509.4(328.34 to 714.60) | 267.82(151.11 to 427.93) | 8.27(5.24 to 11.71) | 4.42(2.41 to 7.14) |
| Jamaica | 466.62(364.46 to 568.78) | 257.32(205.98 to 308.66) | 39.52(31.86 to 48.18) | 25.26(17.52 to 36.00) | 0.57(0.45 to 0.71) | 0.37(0.25 to 0.56) |

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|-------------------------|-----------------------------|----------------------------|--------------------------|-------------------------|---------------------|--------------------|--|
| | 619.2) | 325.01) | 66) | 42) | | | |
| Japan | 295.71(230.45 to 389.19) | 217.56(188.08 to 257.15) | 4.64(3.27 to 6.85) | 2.4(1.57 to 3.64) | 0.03(0.03 to 0.04) | 0.01(0.01 to 0.01) | |
| Kingdom of Bahrain | 523.48(398.74 to 666.9) | 276.95(212 to 355.73) | 41.01(28.19 to 56.38) | 7.45(4.97 to 10.69) | 0.6(0.40 to 0.83) | 0.08(0.05 to 0.11) | |
| Kingdom of Belgium | 240.07(174.10 to 326.47) | 280.77(204.37 to 385.95) | 4.46(3.09 to 6.65) | 3.67(2.08 to 6.37) | 0.03(0.02 to 0.04) | 0.01(0.01 to 0.01) | |
| Kingdom of Bhutan | 700.37(564.37 to 901.21) | 302.34(232.35 to 395.58) | 439.16(273.07 to 650.47) | 48.39(25.50 to 81.33) | 6.88(4.21 to 10.23) | 0.74(0.38 to 1.27) | |
| Kingdom of Cambodia | 726.84(571.42 to 922.45) | 361.46(279.09 to 459.38) | 299.87(213.6 to 411.04) | 56.34(35.35 to 88.72) | 5.03(3.55 to 6.88) | 0.91(0.56 to 1.48) | |
| Kingdom of Denmark | 71.92(53.68 to 92.27) | 88.38(66.69 to 113.49) | 3.67(2.73 to 4.74) | 1.58(1.07 to 2.35) | 0.05(0.04 to 0.06) | 0.01(0.01 to 0.02) | |
| Kingdom of Eswatini | 1780.1(1507.52 to 2072.41) | 1014.81(858.91 to 1176.93) | 98.97(63.11 to 144.82) | 54.91(27.91 to 93.38) | 1.39(0.82 to 2.15) | 0.79(0.34 to 1.48) | |
| Kingdom of Lesotho | 1414.85(1151.22 to 1713.26) | 803.37(663.97 to 967.62) | 145.4(100.64 to 201.15) | 117.98(71.56 to 183.58) | 2.18(1.44 to 3.08) | 1.87(1.09 to 2.97) | |
| Kingdom of Morocco | 580.4(460.61 to 739.29) | 289.07(223.10 to 367.16) | 316.12(239.26 to 416.44) | 32.52(18.66 to 53.26) | 5.46(4.09 to 7.26) | 0.52(0.28 to 0.87) | |
| Kingdom of Norway | 389.63(287.52 to 512.08) | 287.72(218.50 to 382.9) | 8.08(5.91 to 11.17) | 3.52(2.03 to 5.81) | 0.06(0.05 to 0.08) | 0.01(0.01 to 0.01) | |
| Kingdom of Saudi Arabia | 831.79(647.06 to 1060.49) | 266.77(204.78 to 340.65) | 79.26(45.82 to 121.04) | 8.63(5.65 to 12.98) | 1.21(0.65 to 1.95) | 0.1(0.06 to 0.16) | |
| Kingdom of Spain | 226.16(167.92 to 303.75) | 198.35(195.34 to 201.42) | 4.18(2.82 to 6.16) | 2.69(1.78 to 3.94) | 0.03(0.02 to 0.03) | 0.01(0.01 to 0.01) | |
| Kingdom of Sweden | 146.12(118.68 to 173.56) | 103.94(78.39 to 129.49) | 3.76(2.92 to 4.91) | 2.04(1.47 to 2.89) | 0.04(0.03 to 0.04) | 0.02(0.01 to 0.02) | |

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|----------------------------------|---------------------------|--------------------------|------------------------|-----------------------|--------------------|--------------------------|
| | 176.67) | 37.35) | | | | |
| Kingdom of Thailand | 243.13(187.37 to 309.54) | 209.44(166.09 to 270.59) | 11.95(7.33 to 17.97) | 9.22(6.20 to 13.5) | 0.15(0.08 to 0.25) | 0.12(0.07 to 0.18) |
| Kingdom of the Netherlands | 88.97(63.68 to 117.48) | 103.96(76.69 to 138.06) | 5.44(4.55 to 6.54) | 2.15(1.46 to 3.05) | 0.08(0.06 to 0.09) | 0.02(0.01 to 0.02) |
| Kingdom of Tonga | 982.13(754.85 to 1265.37) | 733.26(567.32 to 956.09) | 40.25(26.28 to 57) | 23.16(15.13 to 33.7) | 0.51(0.30 to 0.80) | 0.26(0.15 to 0.44) |
| Kyrgyz Republic | 193.56(151.29 to 250.28) | 160.53(121.85 to 207.76) | 98.01(83.67 to 114.73) | 18.48(14.54 to 23.63) | 1.61(1.37 to 1.90) | 0.28(0.21 to 0.36) |
| Lao People's Democratic Republic | 720.39(561.98 to 895.5) | 362.64(286.04 to 453.81) | 312.6(212.34 to 411.6) | 41.15(21.64 to 73.32) | 5.17(3.47 to 7.48) | 0.63(0.3 to 1.17) |
| Lebanese Republic | 476.13(362.47 to 629.07) | 239.93(180.83 to 311.73) | 28.11(17.69 to 43.86) | 4.59(2.90 to 6.76) | 0.38(0.21 to 0.62) | 0.03(0.02 to 0.05) |
| Malaysia | 506.62(388.93 to 665.75) | 388.37(295.71 to 500.51) | 40.62(26.54 to 56.89) | 13.06(9.70 to 17.23) | 0.6(0.38 to 0.88) | 0.16(0.12 to 0.21) |
| Mongolia | 233.98(180.31 to 298.65) | 204.23(158.28 to 266.04) | 70.66(47.82 to 96.6) | 11.85(8.17 to 16.82) | 1.13(0.76 to 1.56) | 0.17(0.11 to 0.24) |
| Montenegro | 200.29(148.81 to 269.04) | 199.21(143.81 to 264.91) | 3.09(1.84 to 4.85) | 2.47(1.35 to 4.18) | 0.01(0.01 to 0.02) | 0.0050(0.0028 to 0.0081) |
| New Zealand | 544.81(411.71 to 706.84) | 297.94(251.81 to 358.49) | 8.27(5.27 to 12.63) | 3.74(2.28 to 5.90) | 0.04(0.03 to 0.04) | 0.01(0.01 to 0.01) |
| North Macedonia | 186.46(139.75 to 256.05) | 146.08(105.76 to 192.81) | 10.76(7.47 to 14.43) | 3.11(2.00 to 4.72) | 0.14(0.09 to 0.20) | 0.02(0.01 to 0.04) |
| Northern Mariana Islands | 529.68(407.87 to 697.37) | 431.81(339.65 to 562.05) | 24.18(14.24 to 37.14) | 16.46(10.63 to 24.01) | 0.32(0.16 to 0.53) | 0.21(0.12 to 0.33) |
| Palestine | 643.68(496.83 to 830.53) | 286.34(219.35 to 353.33) | 32.44(19.49 to 48.39) | 6.88(4.56 to 9.84) | 0.43(0.23 to 0.70) | 0.06(0.04 to 0.10) |

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|---|-----------------------------|-----------------------------|--------------------------|-------------------------|----------------------|--------------------------|
| | 826.8) | 371.15) | 48) | | | |
| People's Democratic Republic of Algeria | 564.35(434.70 to 734.66) | 391.69(287.92 to 508.15) | 144.27(96.36 to 200.13) | 20.6(13.75 to 28.97) | 2.33(1.50 to 3.32) | 0.27(0.16 to 0.41) |
| People's Republic of Bangladesh | 665.26(543.34 to 822.03) | 276.02(220.80 to 347.08) | 507.7(412.84 to 608.91) | 50.72(33.59 to 71.47) | 7.95(6.43 to 9.52) | 0.78(0.51 to 1.11) |
| People's Republic of China | 172.97(128.59 to 241.62) | 110.12(85.24 to 142.54) | 16.68(12.01 to 22.19) | 2.84(2.09 to 3.87) | 0.24(0.17 to 0.33) | 0.03(0.02 to 0.04) |
| Plurinational State of Bolivia | 493.6(396.99 to 620.34) | 270.79(220.21 to 335.13) | 386.18(288.73 to 498.19) | 129.02(89.90 to 185.33) | 6.47(4.80 to 8.39) | 2.19(1.52 to 3.16) |
| Portuguese Republic | 122.96(90.16 to 169.34) | 114.97(110.97 to 119.15) | 4.48(3.61 to 5.86) | 2.25(1.63 to 3.07) | 0.05(0.04 to 0.06) | 0.02(0.01 to 0.02) |
| Principality of Andorra | 123.64(90.80 to 164.52) | 121.13(89.63 to 161.84) | 2.86(1.65 to 4.33) | 1.71(0.92 to 2.77) | 0.03(0.01 to 0.04) | 0.0068(0.0033 to 0.0127) |
| Principality of Monaco | 166.91(123.45 to 221.08) | 186.86(135.16 to 251) | 3.9(2.30 to 5.90) | 3.23(1.94 to 4.99) | 0.04(0.01 to 0.06) | 0.02(0.01 to 0.04) |
| Puerto Rico | 456.78(352.75 to 619.55) | 218.21(170.62 to 284.58) | 23.86(19.69 to 29.14) | 7.68(5.82 to 10.24) | 0.32(0.26 to 0.38) | 0.09(0.07 to 0.12) |
| Republic of Albania | 229.66(169.81 to 312.92) | 161.56(117.26 to 211.98) | 7.51(5.26 to 10.17) | 2.51(1.43 to 3.97) | 0.08(0.06 to 0.12) | 0.01(0.01 to 0.02) |
| Republic of Angola | 2179.39(1798.51 to 2613.79) | 1378.61(1138.05 to 1676.73) | 644.08(405.55 to 974.65) | 230.3(138.58 to 367.05) | 10.47(6.44 to 16.15) | 3.84(2.22 to 6.38) |
| Republic of Armenia | 113.86(90.21 to 144.86) | 104.5(80.8 to 134.83) | 15.09(12.29 to 18.43) | 2.4(1.70 to 3.24) | 0.23(0.19 to 0.29) | 0.02(0.02 to 0.03) |
| Republic of Austria | 89.34(87.80 to 90.95) | 74.95(72.69 to 77.26) | 2.78(2.17 to 3.49) | 1.27(0.84 to 1.77) | 0.03(0.02 to 0.04) | 0.01(0.01 to 0.01) |
| Republic of Azerbaijan | 147.11(116.71 to 177.51) | 103.99(83.34 to 124.64) | 25.29(19.60 to 30.98) | 3.88(2.73 to 5.32) | 0.4(0.30 to 0.50) | 0.05(0.03 to 0.07) |

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|------------------------|---------------------------------|---------------------------------|-----------------------------|-----------------------------|---------------------|---------------------|
| | 189.47) | 30.31) | 45) | | | |
| Republic of Belarus | 293.11(203.9 to 4 16.95) | 304.75(225.04 to 420.55) | 10.68(8.48 to 13.4 0) | 4.78(2.99 to 7.40) | 0.12(0.10 to 0.14) | 0.02(0.01 to 0.03) |
| Republic of Benin | 2187.78(1851.22 t o 2569.62) | 2006.69(1709.1 to 2305.94) | 509.22(366.80 to 671.07) | 174.51(112.3 to 2 52.49) | 8.22(5.88 to 11.02) | 2.57(1.48 to 3.74) |
| Republic of Botswana | 1367.59(1113.66 t o 1661.55) | 704.14(570.53 to 827.66) | 75.23(45.90 to 10 8.61) | 28.17(18.35 to 38. 79) | 0.97(0.57 to 1.5) | 0.33(0.2 to 0.47) |
| Republic of Bulgaria | 138.09(99.59 to 1 93.87) | 128.14(97.40 to 1 68.98) | 9.1(7.49 to 11.14) | 3.47(2.56 to 4.75) | 0.12(0.10 to 0.15) | 0.03(0.03 to 0.04) |
| Republic of Burundi | 2261.72(1890.36 t o 2618.08) | 1604.66(1320.28 t o 1899.7) | 570.58(360.23 to 788.00) | 225.61(144.55 to 327.35) | 9.44(5.88 to 13.38) | 3.65(2.19 to 5.40) |
| Republic of Cabo Verde | 1548.96(1301.19 t o 1803.14) | 841.42(714.8 to 9 73.12) | 93.58(59.82 to 13 3.76) | 20.7(13.82 to 30.0 7) | 1.3(0.78 to 1.96) | 0.2(0.11 to 0.34) |
| Republic of Cameroon | 2205.01(1875.66 t o 2547.14) | 1589.53(1387.4 to 1824.66) | 368.74(263.65 to 497.71) | 157.06(105.06 to 220.01) | 5.53(3.90 to 7.6) | 2.28(1.39 to 3.28) |
| Republic of Chad | 2433.38(2020.35 t o 2840.17) | 2138.38(1783.73 t o 2544.84) | 499.78(359.03 to 641.92) | 447.09(297.36 to 639.93) | 7.72(5.55 to 9.99) | 6.88(4.44 to 10.02) |
| Republic of Chile | 431.85(323.7 to 5 71.03) | 418.4(414.13 to 4 22.84) | 30.28(25.36 to 35. 83) | 7.92(5.84 to 10.54) | 0.42(0.36 to 0.5) | 0.05(0.04 to 0.07) |
| Republic of Colombia | 345.88(291.99 to 413.12) | 254.8(216.33 to 3 03.83) | 87.22(68.94 to 10 6.48) | 15.49(11.63 to 20. 27) | 1.39(1.10 to 1.71) | 0.22(0.15 to 0.29) |
| Republic of Costa Rica | 393.19(320.22 to 481.58) | 256.05(217.27 to 308.58) | 16.97(14.02 to 20. 35) | 5.31(4.08 to 6.79) | 0.23(0.19 to 0.28) | 0.06(0.04 to 0.07) |
| Republic of Croatia | 104.98(78.1 to 14 1.34) | 102.52(98.07 to 1 07.88) | 5.79(4.71 to 7.08) | 1.59(1.06 to 2.26) | 0.08(0.06 to 0.09) | 0.01(0.01 to 0.01) |
| Republic of Cuba | 297.98(225.85 to 370.11) | 274.49(214.57 to 334.41) | 16.57(13.88 to 19. 36) | 6.36(4.74 to 8.62) | 0.22(0.19 to 0.27) | 0.06(0.05 to 0.08) |

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|-------------------------------|-----------------------------|-----------------------------|---------------------------|--------------------------|----------------------|--------------------------|
| | 399.21) | 365.04) | 96) | | | |
| Republic of Cyprus | 130.13(96.07 to 173.77) | 89.47(66.31 to 119.5) | 5.94(3.65 to 8.78) | 1.51(0.91 to 2.26) | 0.08(0.04 to 0.12) | 0.01(0.01 to 0.02) |
| Republic of Côte d'Ivoire | 2161.79(1815.13 to 2510.24) | 1532.43(1292.81 to 1796.16) | 387.07(263.48 to 554.04) | 244.41(148.07 to 387.59) | 6.21(4.16 to 9.01) | 3.88(2.30 to 6.28) |
| Republic of Djibouti | 2060.79(1732.3 to 2407.35) | 1284.72(1082.87 to 1488.12) | 566.83(373.19 to 827.22) | 302.4(166.73 to 502.69) | 8.88(5.71 to 13.16) | 4.79(2.59 to 8.09) |
| Republic of Ecuador | 429.43(420.02 to 441.54) | 650.05(642.85 to 658.27) | 171.3(148.98 to 198.56) | 44.72(33.72 to 58.62) | 2.81(2.43 to 3.26) | 0.64(0.47 to 0.87) |
| Republic of El Salvador | 425.14(355.22 to 520.36) | 254.98(215.45 to 304.34) | 162.94(123.32 to 202.15) | 11.03(7.60 to 15.11) | 2.6(1.95 to 3.22) | 0.15(0.10 to 0.21) |
| Republic of Equatorial Guinea | 2087.13(1738.6 to 2520.45) | 1129.8(980.31 to 1277.27) | 677.43(385.14 to 1040.72) | 187.41(89.60 to 332.08) | 11.06(6.11 to 17.29) | 3.12(1.45 to 5.63) |
| Republic of Estonia | 378.65(276.04 to 547.42) | 416.11(314.12 to 555.07) | 10.92(8.45 to 14.59) | 5.16(2.80 to 8.72) | 0.1(0.08 to 0.13) | 0.0061(0.0047 to 0.0075) |
| Republic of Fiji | 392.8(300.81 to 509.64) | 478.03(374.22 to 625.58) | 50.31(30.6 to 77.2) | 37.46(22.69 to 58.08) | 0.8(0.45 to 1.26) | 0.58(0.31 to 0.96) |
| Republic of Finland | 219.66(158.53 to 297.24) | 207.9(150.54 to 276.4) | 3.65(2.34 to 5.57) | 2.78(1.54 to 4.51) | 0.02(0.02 to 0.03) | 0.01(0.01 to 0.01) |
| Republic of Ghana | 1779.48(1486.3 to 2100.3) | 1327.69(1139.72 to 1520.51) | 194.94(126.4 to 281.73) | 96.21(68.06 to 134.53) | 2.93(1.79 to 4.33) | 1.36(0.93 to 1.93) |
| Republic of Guatemala | 352.35(305.57 to 408.95) | 156.24(134.35 to 181.29) | 231.75(195.14 to 273.81) | 80.27(60.44 to 103.15) | 3.75(3.17 to 4.45) | 1.36(1.03 to 1.75) |
| Republic of Guinea | 2243.1(1894.58 to 2627.89) | 1558.22(1324.9 to 1808.52) | 696.68(504.60 to 909.92) | 358.92(225.20 to 537.27) | 11.11(8.02 to 14.63) | 5.78(3.56 to 8.73) |
| Republic of Guinea-Bissau | 2109.57(1765.39 to 2453.75) | 1482.5(1254.23 to 1710.77) | 465.94(295.91 to 635.97) | 186.1(113.67 to 258.53) | 7.2(4.50 to 10.54) | 2.83(1.63 to 4.70) |

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|------------------------|-----------------------------|----------------------------|--------------------------|--------------------------|---------------------|--------------------------|
| | o 2477.09) | 1742.54) | 673.78) | 98) | | |
| Republic of Guyana | 527.74(403.3 to 678.73) | 354.57(279.5 to 449.58) | 76.02(56.41 to 98.7) | 50.56(34.50 to 70.08) | 1.15(0.85 to 1.52) | 0.76(0.50 to 1.08) |
| Republic of Haiti | 746.04(585.37 to 937.48) | 399.57(314.05 to 500.11) | 478.45(343.64 to 656.36) | 353.76(214.38 to 532.58) | 8.23(5.85 to 11.42) | 6.05(3.64 to 9.17) |
| Republic of Honduras | 562.1(465.08 to 688.28) | 274.81(234.12 to 330.92) | 262.76(197.65 to 330.98) | 62.96(32.23 to 111.40) | 4.27(3.17 to 5.43) | 1.04(0.52 to 1.87) |
| Republic of Iceland | 162.14(121.5 to 214.44) | 154.93(114.37 to 206.31) | 4.65(3.63 to 6.06) | 2.48(1.60 to 3.78) | 0.05(0.04 to 0.06) | 0.01(0.01 to 0.02) |
| Republic of India | 701.46(580.16 to 859.37) | 292.87(239.87 to 361.39) | 170.67(145.05 to 199.50) | 45.58(36.94 to 55.88) | 2.68(2.28 to 3.14) | 0.73(0.59 to 0.89) |
| Republic of Indonesia | 534.27(421.03 to 685.78) | 295.78(245.65 to 359) | 296.13(239.71 to 355.48) | 81.76(62.55 to 111.46) | 4.87(3.94 to 5.85) | 1.33(1.01 to 1.83) |
| Republic of Iraq | 900.41(697.22 to 1147.42) | 397.96(299.16 to 521.38) | 62.47(39.31 to 92.27) | 12.08(7.82 to 18.07) | 0.92(0.53 to 1.45) | 0.14(0.08 to 0.24) |
| Republic of Italy | 157.94(118.42 to 205.95) | 107.72(95.00 to 123.78) | 3.82(2.96 to 5.13) | 1.66(1.15 to 2.33) | 0.04(0.03 to 0.04) | 0.01(0.01 to 0.01) |
| Republic of Kazakhstan | 243.55(187.97 to 310.7) | 321(249.93 to 420.33) | 31.61(26.38 to 38.05) | 8.69(6.50 to 11.66) | 0.48(0.40 to 0.59) | 0.09(0.07 to 0.11) |
| Republic of Kenya | 2010.03(1688.25 to 2340.97) | 1139.92(959.75 to 1327.36) | 310.44(225.78 to 405.64) | 129.42(86.20 to 181.54) | 5.13(3.68 to 6.82) | 2.1(1.36 to 3.03) |
| Republic of Kiribati | 605.36(462.77 to 786.88) | 446.07(341.85 to 578.76) | 85.08(56.90 to 123.41) | 42.62(25.55 to 67.37) | 1.34(0.87 to 2.01) | 0.65(0.36 to 1.06) |
| Republic of Korea | 37.75(30.11 to 47.37) | 34.99(28.24 to 42.44) | 7.28(5.64 to 9.05) | 0.92(0.65 to 1.24) | 0.12(0.09 to 0.15) | 0.01(0.01 to 0.02) |
| Republic of Latvia | 359.28(261.84 to 456.72) | 368.9(275.11 to 462.69) | 8.96(6.60 to 12.62) | 4.62(2.59 to 7.93) | 0.08(0.06 to 0.09) | 0.0063(0.0048 to 0.0088) |

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|------------------------|-----------------------------|-----------------------------|--------------------------|--------------------------|----------------------|--------------------|
| | 508.24) | 92.19) | | | | 0.0079) |
| Republic of Liberia | 2281.71(1928.32 to 2662.37) | 1395.27(1188.26 to 1612.88) | 770.61(526.64 to 1060.4) | 126.36(80.25 to 187.02) | 12.69(8.60 to 17.65) | 1.77(1.07 to 2.73) |
| Republic of Lithuania | 438.5(319.50 to 624.33) | 401.87(298.76 to 531.95) | 11.87(9.16 to 16.03) | 5.21(2.96 to 8.71) | 0.11(0.09 to 0.13) | 0.01(0.01 to 0.01) |
| Republic of Madagascar | 1983.84(1646.38 to 2321.82) | 1116.49(919.17 to 1320.04) | 368.1(264.10 to 488.91) | 216.32(146.44 to 301.36) | 5.83(4.09 to 7.92) | 3.5(2.31 to 4.97) |
| Republic of Malawi | 2279.48(1888.97 to 2659.9) | 1303.42(1089.14 to 1516.51) | 540.51(405.87 to 706.99) | 187.51(121.91 to 276.94) | 9.41(7.03 to 12.36) | 3.19(2.03 to 4.8) |
| Republic of Maldives | 734.43(570.10 to 931.82) | 310.63(234.82 to 403.93) | 116.11(83.26 to 150.74) | 8.3(5.59 to 11.74) | 1.82(1.28 to 2.41) | 0.08(0.05 to 0.12) |
| Republic of Mali | 2286.13(1894.97 to 2684.47) | 1981.74(1666.99 to 2332.82) | 411.16(343.83 to 485.9) | 201.36(147.34 to 273.44) | 6.26(5.19 to 7.36) | 2.91(2.06 to 4.08) |
| Republic of Malta | 214.41(154.65 to 289.01) | 191.67(140.42 to 253.59) | 6.61(5.13 to 8.58) | 3.37(2.27 to 5.09) | 0.07(0.06 to 0.09) | 0.02(0.02 to 0.03) |
| Republic of Mauritius | 291.98(218.34 to 392.36) | 233.63(179.18 to 301.41) | 28.23(22.98 to 34.17) | 10.96(8.95 to 13.40) | 0.42(0.34 to 0.51) | 0.15(0.12 to 0.18) |
| Republic of Moldova | 401.35(292.16 to 568.02) | 275.36(205.55 to 370.46) | 16.6(13.28 to 20.81) | 4.03(2.45 to 6.54) | 0.19(0.16 to 0.23) | 0.01(0.01 to 0.02) |
| Republic of Mozambique | 1994.56(1655.65 to 2326.2) | 1465.51(1221.17 to 1713.28) | 395.82(290.8 to 536.99) | 192.12(118.48 to 295.23) | 6.45(4.63 to 8.95) | 3.13(1.82 to 5.01) |
| Republic of Namibia | 1529.06(1245.97 to 1827.03) | 891.17(728.66 to 1081.75) | 183.13(126.76 to 252.43) | 52.66(29.58 to 96.23) | 2.86(1.96 to 4.06) | 0.76(0.37 to 1.48) |
| Republic of Nauru | 761.79(596.85 to 976.3) | 563.06(442.17 to 728.3) | 133.69(74.24 to 224.05) | 97.22(53.750 to 166.6) | 2.18(1.16 to 3.76) | 1.61(0.85 to 2.84) |
| Republic of Nicaragua | 468.67(383.52 to 551.82) | 269.17(227.78 to 310.56) | 71.71(55.89 to 87.53) | 17.52(13.43 to 22.11) | 1.12(0.86 to 1.39) | 0.26(0.19 to 0.33) |

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|--------------------------|-----------------------------|----------------------------|----------------------------|--------------------------|-----------------------|--------------------------|
| | 574.02) | 324.41) | 32) | 21) | | |
| Republic of Niue | 465.49(346.14 to 612.68) | 413.91(319.66 to 536.72) | 30.8(16.93 to 50.36) | 21.99(14.22 to 32.49) | 0.44(0.21 to 0.79) | 0.28(0.17 to 0.44) |
| Republic of Palau | 392(303.94 to 501.19) | 399.56(308.88 to 516.78) | 31.01(18.22 to 47.43) | 22.72(14.59 to 34.9) | 0.46(0.25 to 0.75) | 0.3(0.17 to 0.50) |
| Republic of Panama | 293.19(242.87 to 363.88) | 278.28(236.13 to 338.19) | 42.46(35.36 to 50.24) | 17.21(13.14 to 21.63) | 0.65(0.54 to 0.78) | 0.25(0.19 to 0.32) |
| Republic of Paraguay | 570.67(449.02 to 711.94) | 408.59(322.00 to 517.35) | 89.69(70.86 to 112.87) | 34.81(24.56 to 49.18) | 1.41(1.10 to 1.81) | 0.51(0.34 to 0.74) |
| Republic of Peru | 197.61(160.09 to 244.47) | 115.45(97.57 to 137.02) | 161.91(123.89 to 206.47) | 43.05(27.68 to 64.16) | 2.65(2.02 to 3.42) | 0.7(0.44 to 1.06) |
| Republic of Poland | 214.14(150.38 to 312.58) | 119.38(104.99 to 135.72) | 5.67(4.31 to 7.77) | 1.5(0.94 to 2.30) | 0.05(0.05 to 0.07) | 0.0043(0.0033 to 0.0055) |
| Republic of Rwanda | 2319.76(1977.71 to 2696.99) | 1165.61(982.87 to 1341.88) | 1275.21(918.26 to 1729.48) | 288.64(187.93 to 409.89) | 22.36(15.92 to 31.03) | 4.9(3.15 to 7.12) |
| Republic of San Marino | 133.19(100.15 to 177.47) | 156.22(113.27 to 206.89) | 2.49(1.53 to 3.85) | 2.05(1.12 to 3.39) | 0.02(0.01 to 0.03) | 0.061(0.0028 to 0.0114) |
| Republic of Senegal | 2362.8(2004.5 to 2768.69) | 1308.6(1102.26 to 1509.99) | 499.95(364.45 to 635.5) | 185.28(123.77 to 270.67) | 8.13(5.88 to 10.39) | 2.9(1.90 to 4.25) |
| Republic of Serbia | 127.12(95.79 to 174.59) | 111.69(82.03 to 145.31) | 12.66(8.21 to 18.08) | 2.55(1.74 to 3.57) | 0.18(0.11 to 0.27) | 0.02(0.01 to 0.03) |
| Republic of Seychelles | 373.51(287.35 to 476.99) | 382.16(298.14 to 489.28) | 86.58(57.15 to 120.63) | 58.84(39.18 to 83.2) | 1.44(0.93 to 2.04) | 0.95(0.62 to 1.39) |
| Republic of Sierra Leone | 1960.6(1644.83 to 2299.84) | 1320(1093.38 to 1555.26) | 162.28(108.66 to 226.84) | 124.27(79.07 to 182.82) | 2.48(1.54 to 3.54) | 1.91(1.11 to 2.92) |
| Republic of Singapore | 95.24(71.48 to 122.00) | 86.86(63.91 to 110.00) | 2.65(2.04 to 3.62) | 1.18(0.67 to 1.97) | 0.03(0.02 to 0.03) | 0.0038(0.0030 to 0.0046) |

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| | 5.84) | 6.8) | | | | 0.0047) |
| Republic of Slovenia | 196(141.12 to 267.61) | 269.43(197.51 to 367.08) | 4.75(3.48 to 6.50) | 3.24(1.76 to 5.56) | 0.04(0.03 to 0.05) | 0.0036(0.0026 to 0.0047) |
| Republic of South Africa | 1088.13(924.91 to 1269.31) | 754.12(640.35 to 871.73) | 151.59(106.85 to 212.20) | 48.84(37.28 to 61.04) | 2.39(1.63 to 3.37) | 0.71(0.54 to 0.91) |
| Republic of South Sudan | 2498.48(2134.82 to 2896.88) | 2337.94(2015.37 to 2688.94) | 531.22(296.21 to 810.89) | 428.07(260.68 to 684.31) | 8.59(4.67 to 13.44) | 6.95(4.07 to 11.26) |
| Republic of Sudan | 730.44(582.55 to 931.25) | 356.4(273.88 to 461.22) | 652.89(447.48 to 951.5) | 95.34(49.17 to 158.36) | 11.14(7.57 to 16.33) | 1.63(0.81 to 2.75) |
| Republic of Suriname | 470.22(361.97 to 617.78) | 343.27(272.5 to 433.94) | 81.62(47.04 to 122.3) | 46.49(29.47 to 69.5) | 1.23(0.70 to 1.88) | 0.7(0.43 to 1.07) |
| Republic of Tajikistan | 231.25(180.73 to 297.99) | 133.88(106.24 to 171.21) | 69.47(54.73 to 87.87) | 14.22(9.54 to 20.78) | 1.13(0.89 to 1.44) | 0.22(0.14 to 0.32) |
| Republic of the Congo | 1648.52(1376.41 to 1928.82) | 963.72(808.3 to 1136.28) | 529.32(328.12 to 762.35) | 223.68(133.01 to 357.98) | 8.79(5.34 to 12.84) | 3.71(2.14 to 6.03) |
| Republic of the Gambia | 2000.98(1668.49 to 2355.15) | 1490.99(1257.4 to 1727.82) | 396.21(247.02 to 573.72) | 264.77(163.85 to 405.28) | 6.27(3.83 to 9.19) | 4.28(2.54 to 6.70) |
| Republic of the Marshall Islands | 482.07(372.21 to 634.39) | 352.7(270.6 to 451.35) | 44.33(26.06 to 75.79) | 31.29(18.13 to 51.36) | 0.65(0.34 to 1.19) | 0.44(0.23 to 0.77) |
| Republic of the Niger | 2399.73(1982.25 to 2877.76) | 2175.7(1763.51 to 2598.5) | 500.65(381.32 to 663.85) | 322.68(199.64 to 472.13) | 7.89(5.95 to 10.55) | 5.02(3.11 to 7.47) |
| Republic of the Philippines | 663.41(523.45 to 830.05) | 451.19(355.96 to 566.63) | 112.05(83.44 to 142.9) | 57.38(43.29 to 77.93) | 1.78(1.30 to 2.31) | 0.9(0.67 to 1.24) |
| Republic of the Union of Myanmar | 449.08(348.7 to 568.13) | 309.91(239.34 to 400.71) | 113.37(82.30 to 154.71) | 68.73(46.93 to 95.14) | 1.74(1.25 to 2.41) | 1.09(0.73 to 1.54) |
| Republic of Trinidad and Tobago | 457.32(362.92 to 551.72) | 333.46(265.84 to 401.08) | 43.8(36.41 to 51.9) | 29.96(22.11 to 40.81) | 0.65(0.53 to 0.77) | 0.44(0.31 to 0.62) |

| | | | | | | |
|-------------------------------|-----------------------------|-----------------------------|--------------------------|--------------------------|---------------------|--------------------|
| ago | 610.49) | 428.93) | 5) | 72) | | |
| Republic of Tunisia | 428.3(319.12 to 561.12) | 196.75(144.59 to 258) | 67.34(46.07 to 95.19) | 10.78(6.28 to 17.53) | 1.05(0.69 to 1.51) | 0.14(0.07 to 0.26) |
| Republic of Turkey | 472.99(373.78 to 604.8) | 270.1(204.88 to 353.59) | 119.77(74.99 to 170.97) | 7.6(5.11 to 10.8) | 1.96(1.19 to 2.83) | 0.08(0.05 to 0.12) |
| Republic of Uganda | 2307.56(1921.85 to 2709.9) | 1468.17(1221.78 to 1725.12) | 529.12(370.16 to 716.03) | 216.33(137.76 to 310.85) | 9.24(6.29 to 12.83) | 3.6(2.22 to 5.20) |
| Republic of Uzbekistan | 215.21(165.07 to 276.49) | 157.69(122.32 to 202.94) | 50.81(40.66 to 62.54) | 12.13(9.14 to 15.87) | 0.81(0.65 to 1.00) | 0.18(0.13 to 0.23) |
| Republic of Vanuatu | 730.74(567.99 to 930.18) | 518.94(403.07 to 675) | 62.02(32.96 to 108.51) | 47.64(28.88 to 77.12) | 0.96(0.46 to 1.79) | 0.76(0.42 to 1.26) |
| Republic of Yemen | 1721.54(1370.7 to 2205.27) | 749.82(582.03 to 984.38) | 461.6(300.11 to 654.28) | 106.38(61.75 to 176.17) | 7.21(4.59 to 10.40) | 1.62(0.87 to 2.76) |
| Republic of Zambia | 2444.98(2081.94 to 2836.31) | 1510.76(1313.47 to 1723.46) | 291.1(217.39 to 382.41) | 136.55(83.91 to 202.95) | 4.42(3.22 to 5.89) | 2.02(1.19 to 3.05) |
| Republic of Zimbabwe | 1550.2(1265.12 to 1881.71) | 1040.65(827.02 to 1278.18) | 148.19(102.47 to 203.92) | 158.16(97.35 to 244.07) | 2.23(1.51 to 3.18) | 2.53(1.47 to 4.02) |
| Romania | 257.33(185.93 to 351.58) | 341.25(256.43 to 468.19) | 10.81(8.53 to 13.90) | 5.78(3.87 to 8.81) | 0.13(0.10 to 0.16) | 0.03(0.02 to 0.04) |
| Russian Federation | 409.78(299.27 to 561.08) | 463.1(362.33 to 588.84) | 15.52(12.40 to 19.59) | 6.37(3.87 to 10.07) | 0.17(0.14 to 0.20) | 0.02(0.01 to 0.02) |
| Saint Kitts and Nevis | 456.65(354.70 to 588.36) | 233.22(185.15 to 304.15) | 242.94(207.64 to 283.52) | 73.48(56.48 to 93.67) | 3.95(3.36 to 4.62) | 1.14(0.87 to 1.47) |
| Saint Lucia | 487.34(377.80 to 619.26) | 233.44(186.76 to 297.2) | 33.29(27.43 to 40.18) | 12.17(9.55 to 15.65) | 0.46(0.38 to 0.56) | 0.16(0.12 to 0.20) |
| Saint Vincent and the Grenadi | 427.58(329.69 to 525.47) | 314.04(246.84 to 381.24) | 62.25(51.02 to 75.48) | 32.51(26.00 to 40.02) | 0.94(0.76 to 1.15) | 0.48(0.37 to 0.59) |

| | | | | | | |
|--------------------------------|-----------------------------|-----------------------------|--------------------------|--------------------------|--------------------|--------------------|
| nes | 542.45) | 402.3) | 89) | 94) | | |
| Slovak Republic | 186.76(131.17 to 264.59) | 167.98(123.46 to 217.94) | 5.33(3.57 to 7.49) | 2.59(1.56 to 4.12) | 0.05(0.03 to 0.08) | 0.01(0.01 to 0.02) |
| Socialist Republic of Viet Nam | 383.3(303.27 to 490.53) | 208.23(159.25 to 271.26) | 13.13(7.74 to 20.29) | 3.95(2.38 to 5.99) | 0.15(0.07 to 0.25) | 0.03(0.02 to 0.05) |
| Solomon Islands | 760.36(588.61 to 962.22) | 529.54(412.09 to 679.7) | 157.32(72.49 to 255.97) | 121.33(77.14 to 178.99) | 2.46(1.03 to 4.10) | 1.9(1.20 to 2.87) |
| State of Eritrea | 2127.81(1772.39 to 2478.97) | 1309.62(1085.25 to 1552.49) | 629.75(459.55 to 794.29) | 241.93(141.57 to 379.52) | 9.9(7.11 to 12.60) | 3.72(2.03 to 6.04) |
| State of Israel | 249.69(225.32 to 274.15) | 299.3(217.28 to 395.3) | 5.28(3.91 to 7.07) | 3.9(2.14 to 6.34) | 0.04(0.04 to 0.05) | 0.01(0.01 to 0.01) |
| State of Kuwait | 444.2(337.73 to 577.64) | 232.65(182.05 to 298.48) | 8.23(5.73 to 12.20) | 3.15(1.92 to 5.13) | 0.06(0.04 to 0.07) | 0.01(0.01 to 0.01) |
| State of Libya | 698.88(535.48 to 906.98) | 222.61(168.27 to 291.95) | 75.47(44.91 to 111.63) | 12.44(7.45 to 19.45) | 1.22(0.68 to 1.87) | 0.18(0.10 to 0.31) |
| State of Qatar | 478.65(358.30 to 627.35) | 277.99(210.38 to 357.42) | 18.65(11.45 to 26.49) | 3.63(2.19 to 5.87) | 0.23(0.13 to 0.36) | 0.01(0.01 to 0.02) |
| Sultanate of Oman | 649.93(494.99 to 843.03) | 347.23(265.58 to 451.47) | 71.19(38.86 to 122.47) | 10.74(6.91 to 16.06) | 1.09(0.55 to 1.97) | 0.12(0.07 to 0.20) |
| Swiss Confederation | 138.37(99.69 to 187.45) | 145.68(108.26 to 191.13) | 3.72(2.83 to 5.18) | 2.02(1.22 to 3.22) | 0.04(0.03 to 0.04) | 0.01(0.01 to 0.01) |
| Syrian Arab Republic | 656.6(497.95 to 847.03) | 259.93(196.68 to 338.25) | 101.75(66.07 to 146.72) | 8.66(5.31 to 13.28) | 1.59(0.99 to 2.34) | 0.1(0.05 to 0.18) |
| Taiwan (Province of China) | 89.11(66.47 to 120.32) | 74.85(55.13 to 101.14) | 4.4(3.59 to 5.48) | 1.46(1.00 to 2.13) | 0.06(0.05 to 0.07) | 0.01(0.01 to 0.01) |
| Togolese Republic | 2044.88(1729.16 to 2360.61) | 1243.55(1046.5 to 1440.5) | 301.76(202.43 to 401.09) | 100.19(59.47 to 140.91) | 4.8(3.19 to 6.77) | 1.49(0.83 to 2.39) |

| | | | | | | |
|--|-----------------------------|-----------------------------|--------------------------|-------------------------|--------------------|--------------------|
| | o 2390.68) | 1444.85) | 419.86) | 56.28) | | |
| Tokelau | 452.72(340.4 to 576.43) | 436.31(331.97 to 561.28) | 34.2(18.83 to 58.52) | 23.17(15.05 to 35.12) | 0.5(0.24 to 0.92) | 0.3(0.18 to 0.48) |
| Turkmenistan | 249.92(193.59 to 326.71) | 203.08(156.13 to 266.53) | 52.67(41.67 to 66.86) | 27.32(19.56 to 39.33) | 0.84(0.66 to 1.08) | 0.42(0.29 to 0.62) |
| Tuvalu | 683.8(518.63 to 888) | 530.91(409.41 to 674.89) | 74.26(40.62 to 139.41) | 28.56(16.94 to 45.54) | 1.13(0.58 to 2.23) | 0.4(0.22 to 0.69) |
| Ukraine | 414.85(298.84 to 570.58) | 310.19(235.12 to 409.27) | 16.3(13.37 to 20.32) | 5.02(3.06 to 7.79) | 0.18(0.16 to 0.21) | 0.02(0.01 to 0.04) |
| Union of the Comoros | 2235.78(1903.12 to 2566.48) | 1052.33(891.60 to 1214.22) | 329.82(172.54 to 494.09) | 116.23(72.61 to 179.91) | 5.38(2.65 to 8.22) | 1.85(1.12 to 2.97) |
| United Arab Emirates | 367.14(325.28 to 418.3) | 237.51(183.36 to 303.55) | 24.51(13.58 to 40.39) | 6.49(4.25 to 9.45) | 0.35(0.18 to 0.65) | 0.06(0.04 to 0.11) |
| United Kingdom of Great Britain and Northern Ireland | 222.96(176.94 to 283.71) | 222.05(167.54 to 285.66) | 5.16(3.96 to 6.94) | 2.86(1.72 to 4.62) | 0.05(0.04 to 0.05) | 0.01(0.01 to 0.01) |
| United Mexican States | 1104.34(912.31 to 1325.29) | 648.92(561.61 to 752.51) | 66.31(57.03 to 78.66) | 18.45(14.02 to 23.35) | 0.93(0.79 to 1.10) | 0.21(0.16 to 0.27) |
| United Republic of Tanzania | 2063.87(1720.68 to 2401.99) | 1436.86(1210.42 to 1664.67) | 363.86(282.09 to 454.32) | 263.17(179.17 to 365.9) | 5.77(4.37 to 7.25) | 4.29(2.88 to 5.99) |
| United States of America | 422.36(322.24 to 565.35) | 406.27(349.93 to 476) | 8.29(6.09 to 11.71) | 7.13(5.09 to 9.61) | 0.06(0.05 to 0.08) | 0.05(0.04 to 0.06) |
| United States Virgin Islands | 588.2(459.23 to 787.48) | 398.19(315.35 to 511.46) | 54.51(32.85 to 80.81) | 14.3(9.69 to 20.78) | 0.8(0.45 to 1.23) | 0.17(0.10 to 0.27) |

Abbreviations: CI, confidence interval; DALYs, Disability-Adjusted Life Years; HDP, Hypertensive disorders of pregnancy.

Supplementary Table 7. Risk Factors of HDP Between 1990 and 2019 at the Age Level.

| Age | Risk factors | 95% CI | |
|-------------|---------------------------------|--------------------|--------------------|
| | | 1990 Percent | 2019 Percent |
| <20 years | Behavioral risks | 0.23(0.08 to 0.37) | 0.21(0.08 to 0.34) |
| | Child and maternal malnutrition | 0.23(0.08 to 0.37) | 0.21(0.08 to 0.34) |
| | Iron deficiency | 0.23(0.08 to 0.37) | 0.21(0.08 to 0.34) |
| 20-24 years | Behavioral risks | 0.24(0.09 to 0.39) | 0.22(0.08 to 0.35) |
| | Child and maternal malnutrition | 0.24(0.09 to 0.39) | 0.22(0.08 to 0.35) |
| | Iron deficiency | 0.24(0.09 to 0.39) | 0.22(0.08 to 0.35) |
| 25-29 years | Behavioral risks | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.34) |
| | Child and maternal malnutrition | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.34) |
| | Iron deficiency | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.34) |
| 30-34 years | Behavioral risks | 0.23(0.09 to 0.37) | 0.21(0.08 to 0.34) |
| | Child and maternal malnutrition | 0.23(0.09 to 0.37) | 0.21(0.08 to 0.34) |
| | Iron deficiency | 0.23(0.09 to 0.37) | 0.21(0.08 to 0.34) |
| 35-39 years | Behavioral risks | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.33) |
| | Child and maternal malnutrition | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.33) |
| | Iron deficiency | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.33) |
| 40-44 years | Behavioral risks | 0.23(0.08 to 0.37) | 0.20(0.07 to 0.32) |
| | Child and maternal malnutrition | 0.23(0.08 to 0.37) | 0.20(0.07 to 0.32) |

| | | | |
|--------------------|--|--------------------|--------------------|
| | Iron deficiency | 0.23(0.08 to 0.37) | 0.20(0.07 to 0.32) |
| 45-49 years | Behavioral risks | 0.21(0.07 to 0.34) | 0.18(0.07 to 0.30) |
| | Child and maternal malnutrition | 0.21(0.07 to 0.34) | 0.18(0.07 to 0.30) |
| | Iron deficiency | 0.21(0.07 to 0.34) | 0.18(0.07 to 0.30) |
| 50-74 years | Behavioral risks | 0.21(0.08 to 0.34) | 0.19(0.07 to 0.30) |
| | Child and maternal malnutrition | 0.21(0.08 to 0.34) | 0.19(0.07 to 0.30) |
| | Iron deficiency | 0.21(0.08 to 0.34) | 0.19(0.07 to 0.30) |
| All ages | Behavioral risks | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.34) |
| | Child and maternal malnutrition | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.34) |
| | Iron deficiency | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.34) |

Abbreviations: CI, confidence interval; HDP, Hypertensive disorders of pregnancy.

Supplementary Table 8. Risk Factors of HDP Between 1990 and 2021 at the Global and Regional Level

| Location | Risk factors | 95% CI | |
|-------------|---------------------------------|--------------------|--------------------|
| | | 1990 Percent | 2019 Percent |
| Global | Behavioral risks | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.34) |
| | Child and maternal malnutrition | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.34) |
| | Iron deficiency | 0.24(0.09 to 0.38) | 0.21(0.08 to 0.34) |
| SDI | | | |
| High | Behavioral risks | 0.13(0.05 to 0.21) | 0.11(0.04 to 0.18) |
| | Child and maternal malnutrition | 0.13(0.05 to 0.21) | 0.11(0.04 to 0.18) |
| | Iron deficiency | 0.13(0.05 to 0.21) | 0.11(0.04 to 0.18) |
| High middle | Behavioral risks | 0.19(0.07 to 0.31) | 0.15(0.05 to 0.24) |
| | Child and maternal malnutrition | 0.19(0.07 to 0.31) | 0.15(0.05 to 0.24) |
| | Iron deficiency | 0.19(0.07 to 0.31) | 0.15(0.05 to 0.24) |
| Middle | Behavioral risks | 0.19(0.07 to 0.32) | 0.17(0.06 to 0.27) |
| | Child and maternal malnutrition | 0.19(0.07 to 0.32) | 0.17(0.06 to 0.27) |
| | Iron deficiency | 0.19(0.07 to 0.32) | 0.17(0.06 to 0.27) |
| Low middle | Behavioral risks | 0.25(0.09 to 0.40) | 0.21(0.07 to 0.33) |
| | Child and maternal malnutrition | 0.25(0.09 to 0.40) | 0.21(0.07 to 0.33) |
| | Iron deficiency | 0.25(0.09 to 0.40) | 0.21(0.07 to 0.33) |
| Low | Behavioral risks | 0.27(0.10 to 0.43) | 0.23(0.08 to 0.37) |

| | | | |
|-----------------------------------|--|--------------------|--------------------|
| | Child and maternal malnutrition | 0.27(0.10 to 0.43) | 0.23(0.08 to 0.37) |
| | Iron deficiency | 0.27(0.10 to 0.43) | 0.23(0.08 to 0.37) |
| Regions | | | |
| Andean Latin America | Behavioral risks | 0.21(0.07 to 0.34) | 0.15(0.05 to 0.25) |
| | Child and maternal malnutrition | 0.21(0.07 to 0.34) | 0.15(0.05 to 0.25) |
| | Iron deficiency | 0.21(0.07 to 0.34) | 0.15(0.05 to 0.25) |
| Australasia | Behavioral risks | 0.11(0.04 to 0.19) | 0.11(0.04 to 0.18) |
| | Child and maternal malnutrition | 0.11(0.04 to 0.19) | 0.11(0.04 to 0.18) |
| | Iron deficiency | 0.11(0.04 to 0.19) | 0.11(0.04 to 0.18) |
| Caribbean | Behavioral risks | 0.22(0.08 to 0.36) | 0.21(0.08 to 0.34) |
| | Child and maternal malnutrition | 0.22(0.08 to 0.36) | 0.21(0.08 to 0.34) |
| | Iron deficiency | 0.22(0.08 to 0.36) | 0.21(0.08 to 0.34) |
| Central Europe | Behavioral risks | 0.14(0.05 to 0.23) | 0.12(0.04 to 0.20) |
| | Child and maternal malnutrition | 0.14(0.05 to 0.23) | 0.12(0.04 to 0.20) |
| | Iron deficiency | 0.14(0.05 to 0.23) | 0.12(0.04 to 0.20) |
| Central Latin America | Behavioral risks | 0.16(0.06 to 0.26) | 0.13(0.05 to 0.21) |
| | Child and maternal malnutrition | 0.16(0.06 to 0.26) | 0.13(0.05 to 0.21) |
| | Iron deficiency | 0.16(0.06 to 0.26) | 0.13(0.05 to 0.21) |
| Central Sub-Saharan Africa | Behavioral risks | 0.29(0.11 to 0.45) | 0.22(0.08 to 0.35) |

| | | | |
|------------------------------|---------------------------------|--------------------|--------------------|
| | Child and maternal malnutrition | 0.29(0.11 to 0.45) | 0.22(0.08 to 0.35) |
| | Iron deficiency | 0.29(0.11 to 0.45) | 0.22(0.08 to 0.35) |
| East Asia | Behavioral risks | 0.19(0.07 to 0.32) | 0.14(0.05 to 0.23) |
| | Child and maternal malnutrition | 0.19(0.07 to 0.32) | 0.14(0.05 to 0.23) |
| | Iron deficiency | 0.19(0.07 to 0.32) | 0.14(0.05 to 0.23) |
| Eastern Europe | Behavioral risks | 0.13(0.05 to 0.21) | 0.12(0.04 to 0.19) |
| | Child and maternal malnutrition | 0.13(0.05 to 0.21) | 0.12(0.04 to 0.19) |
| | Iron deficiency | 0.13(0.05 to 0.21) | 0.12(0.04 to 0.19) |
| Eastern Sub-Saharan Africa | Behavioral risks | 0.25(0.09 to 0.40) | 0.21(0.08 to 0.34) |
| | Child and maternal malnutrition | 0.25(0.09 to 0.40) | 0.21(0.08 to 0.34) |
| | Iron deficiency | 0.25(0.09 to 0.40) | 0.21(0.08 to 0.34) |
| High-income Asia Pacific | Behavioral risks | 0.17(0.06 to 0.28) | 0.13(0.05 to 0.21) |
| | Child and maternal malnutrition | 0.17(0.06 to 0.28) | 0.13(0.05 to 0.21) |
| | Iron deficiency | 0.17(0.06 to 0.28) | 0.13(0.05 to 0.21) |
| High-income North America | Behavioral risks | 0.11(0.04 to 0.18) | 0.11(0.04 to 0.19) |
| | Child and maternal malnutrition | 0.11(0.04 to 0.18) | 0.11(0.04 to 0.19) |
| | Iron deficiency | 0.11(0.04 to 0.18) | 0.11(0.04 to 0.19) |
| North Africa and Middle East | Behavioral risks | 0.20(0.07 to 0.32) | 0.11(0.04 to 0.19) |

| | | | |
|------------------------------------|--|--------------------|--------------------|
| East | | | |
| | Child and maternal malnutrition | 0.20(0.07 to 0.32) | 0.11(0.04 to 0.19) |
| | Iron deficiency | 0.20(0.07 to 0.32) | 0.11(0.04 to 0.19) |
| Oceania | Behavioral risks | 0.25(0.09 to 0.40) | 0.22(0.08 to 0.36) |
| | Child and maternal malnutrition | 0.25(0.09 to 0.40) | 0.22(0.08 to 0.36) |
| | Iron deficiency | 0.25(0.09 to 0.40) | 0.22(0.08 to 0.36) |
| South Asia | Behavioral risks | 0.27(0.10 to 0.43) | 0.23(0.08 to 0.37) |
| | Child and maternal malnutrition | 0.27(0.10 to 0.43) | 0.23(0.08 to 0.37) |
| | Iron deficiency | 0.27(0.10 to 0.43) | 0.23(0.08 to 0.37) |
| Southeast Asia | Behavioral risks | 0.18(0.07 to 0.29) | 0.15(0.06 to 0.25) |
| | Child and maternal malnutrition | 0.18(0.07 to 0.29) | 0.15(0.06 to 0.25) |
| | Iron deficiency | 0.18(0.07 to 0.29) | 0.15(0.06 to 0.25) |
| Southern Latin America | Behavioral risks | 0.13(0.05 to 0.21) | 0.12(0.04 to 0.19) |
| | Child and maternal malnutrition | 0.13(0.05 to 0.21) | 0.12(0.04 to 0.19) |
| | Iron deficiency | 0.13(0.05 to 0.21) | 0.12(0.04 to 0.19) |
| Southern Sub-Saharan Africa | Behavioral risks | 0.22(0.08 to 0.35) | 0.21(0.07 to 0.34) |
| | Child and maternal malnutrition | 0.22(0.08 to 0.35) | 0.21(0.07 to 0.34) |
| | Iron deficiency | 0.22(0.08 to 0.35) | 0.21(0.07 to 0.34) |
| Tropical Latin America | Behavioral risks | 0.20(0.07 to 0.33) | 0.17(0.06 to 0.28) |

| | | | |
|-----------------------------------|--|--------------------|--------------------|
| | Child and maternal malnutrition | 0.20(0.07 to 0.33) | 0.17(0.06 to 0.28) |
| | Iron deficiency | 0.20(0.07 to 0.33) | 0.17(0.06 to 0.28) |
| Western Europe | Behavioral risks | 0.10(0.03 to 0.16) | 0.09(0.03 to 0.14) |
| | Child and maternal malnutrition | 0.10(0.03 to 0.16) | 0.09(0.03 to 0.14) |
| | Iron deficiency | 0.10(0.03 to 0.16) | 0.09(0.03 to 0.14) |
| Western Sub-Saharan Africa | Behavioral risks | 0.23(0.09 to 0.37) | 0.24(0.09 to 0.38) |
| | Child and maternal malnutrition | 0.23(0.09 to 0.37) | 0.24(0.09 to 0.38) |
| | Iron deficiency | 0.23(0.09 to 0.37) | 0.24(0.09 to 0.38) |

Abbreviations: SDI, Sociodemographic Index; CI, confidence interval; HDP, Hypertensive disorders of pregnancy.

Supplementary Table 9. Mendelian randomization methods to assess the impact of dietary types on HDP.

| Dietary types | 95% CI | |
|--|---------------------|-------------------------|
| | OR | P 值 |
| Negatively correlation | | |
| Baked bean intake | 0.27(0.19 to 0.39) | 5.10×10^{-12} |
| Mushroom intake | 0.51(0.39 to 0.65) | 1.31×10^{-7} |
| Garlic bread intake | 0.25(0.12 to 0.53) | 2.91×10^{-4} |
| Beef intake | 0.79(0.75 to 0.84) | 1.61×10^{-17} |
| Positive correlation | | |
| Types of spread used on bread/crackers: Butter on bread/crackers | 7.04(6.05 to 8.20) | 9.53×10^{-141} |
| Type of fat/oil used in cooking: Normal fat butter | 6.44(2.89 to 14.33) | 5.06×10^{-6} |
| Type of meals eaten: Ready meals | 4.62(2.52 to 8.46) | 7.11×10^{-7} |
| Whole egg intake | 4.44(2.12 to 9.26) | 7.26×10^{-5} |
| Other dessert intake | 3.48(2.06 to 5.88) | 3.16×10^{-6} |
| Other non-alcoholic drinks | 3.31(1.66 to 6.60) | 6.68×10^{-4} |
| Bread consumed | 3.26(2.14 to 4.94) | 3.14×10^{-8} |
| White rice intake | 2.73(1.69 to 4.43) | 4.52×10^{-5} |

Abbreviations: CI, confidence interval; HDP, Hypertensive disorders of pregnancy.